JVC

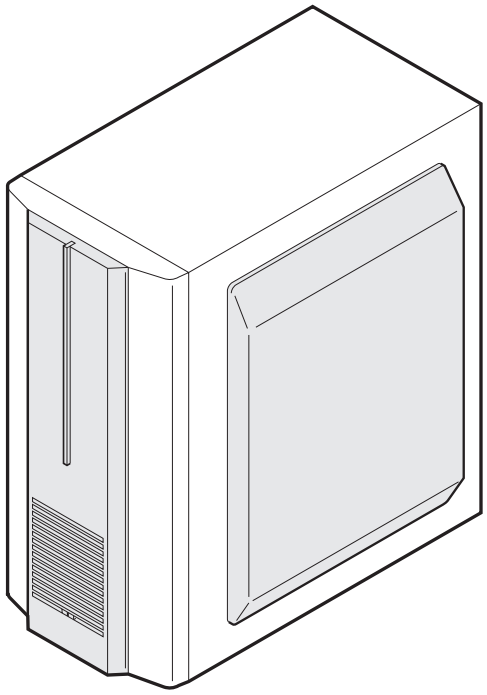
SERVICE MANUAL

POWERED SUBWOOFER

SX-DW55

Area suffix

J ---------- U.S.A.
C ---------- Canada
A ---------- Australia
B ---------- U.K.
E ---------- Continental Europe
EV ---------- Eastern Europe
US ---------- Singapore
UP ---------- Korea
UT ---------- Taiwan
UJ ---------- U.S.Military



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB461
2005/10

SPECIFICATION

Type	Powered Subwoofer Bass-refex type, (magnetically shielded type)
Speaker unit	25.0 cm cone (× 1)
Frequency range	25 Hz to 200 Hz
Input impedance	50 kΩ (LOW LEVEL) 470 Ω (HIGH LEVEL)
Input terminals	INPUT 1 (LOW LEVEL) INPUT 2 (HIGH LEVEL)
Power requirements	AC 230 V H, 50 Hz (FOR EUROPE) AC 110 V/ 127 V/ 220 V - 240 V H adjustable with the voltage selector, 50/ 60 Hz (FOR ASIA) AC 220 V Ω 60 Hz (FOR KOREA)
Output power of built-in amp	240 W (50 Hz, 4 Ω, 10 % THD) (FOR EUROPE) 300 W (50 Hz, 4 Ω, 10 % THD) (FOR ASIA) 220 W (50 Hz, 4 Ω, 10 % THD) (FOR KOREA)
Power consumption	60 W (FOR EUROPE) 75 W (FOR ASIA) 55 W (FOR KOREA)
Dimensions	(W/H/D) 254 × 481 × 430.5 mm
Mass	17.3 kg (FOR EUROPE, KOREA) 18 kg (FOR ASIA)

Design and specifcations subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

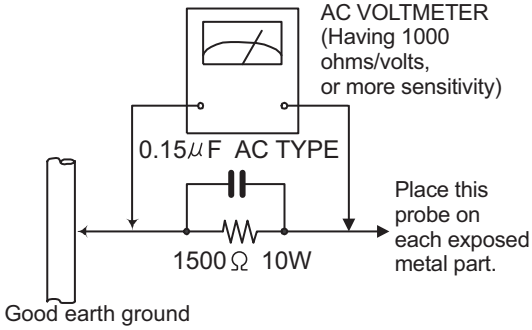
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
  Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
  Measure the AC voltage across the resistor with the AC voltmeter.
  Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Safety Precautions (U.K only)

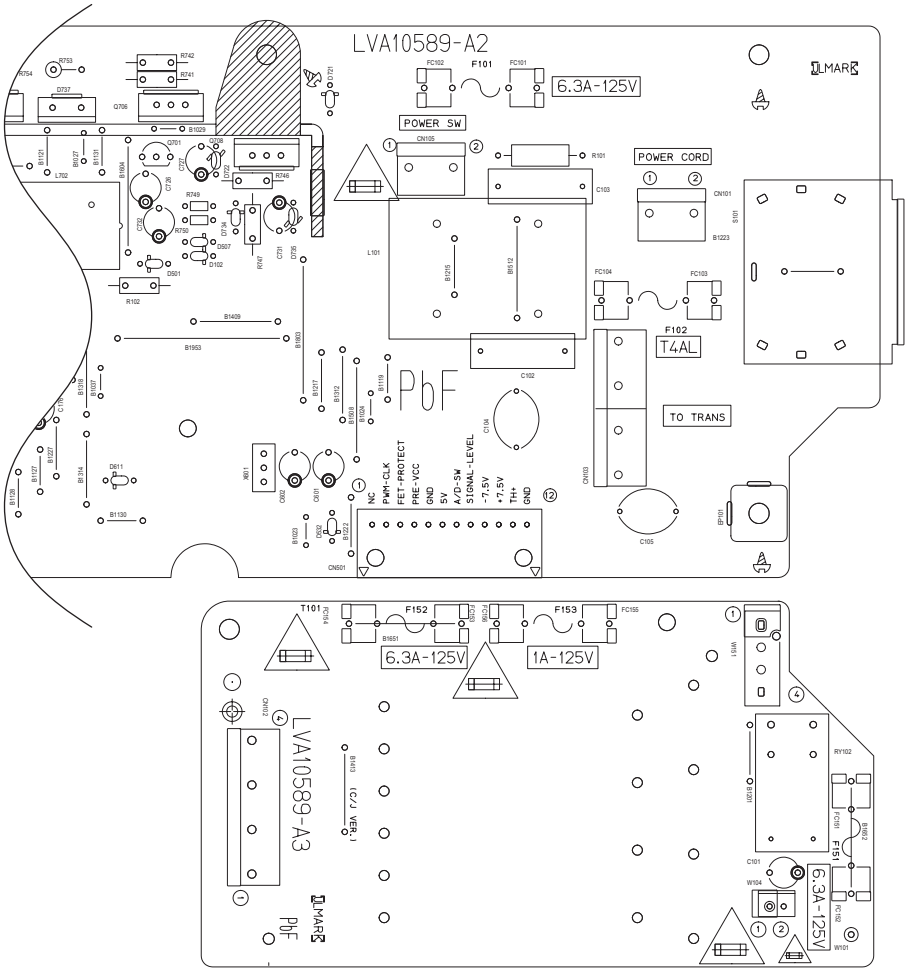
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits.
(2) Any unauthorised design alterations or additions will void the manufacturer's guarantee; furthermore the manufacturer cannot accept responsibility for personal injury or property damage resulting therefrom.
(3) Essential safety critical components are identified by (⚠) on the Parts List and by shading on the schematics, and must never be replaced by parts other than those listed in the manual. Please note however that many electrical and mechanical parts in the product have special safety related characteristics. These characteristics are often not evident from visual inspection. Parts other than specified by the manufacturer may not have the same safety characteristics as the recommended replacement parts shown in the Parts List of the Service Manual and may create shock, fire, or other hazards.
(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

1.5.1 Warning

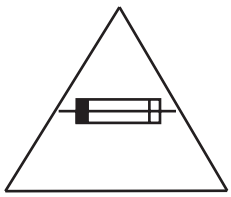
(1) Service should be performed by qualified personnel only.
(2) This equipment has been designed and manufactured to meet international safety standards.
(3) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(4) Repairs must be made in accordance with the relevant safety standards.
(5) It is essential that safety critical components are replaced by approved parts.
(6) If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

1.6 Importance administering point on the safety



For USA and Canada / pour Etats - Unis d' Amérique et Canada



Caution: For continued protection against risk of fire, replace only with same type 6.3 A/125 V for F101, T4AL for F102, 6.3 A/125 V for F151, 6.3 A /125 V for F152, 1A/125 V for F153.This symbol specifies type of fast operating fuse.

Précaution: Pour eviter risques de feux, remplacez le fusible de sureté de F101 comme le meme type que 6.3 A/125 V, T4AL pour F102, 6.3 A/125V pour F151, 6.3 A/125 V pour F152, et 1A/125V pour F153. Ce sont des fusibles sûretes qui functionnes rapide.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the amplifier unit (See Fig.1 to 3)

(1) From the back of the body, remove three screws **A** attaching the rear panel.
(2) From the bottom of the body, remove the eight screws **B** attaching the amplifier unit.
(3) Slightly draw out the amplifier unit from the body, disconnect the wire from connector CN352 on the relay board. Pull out the amplifier unit.

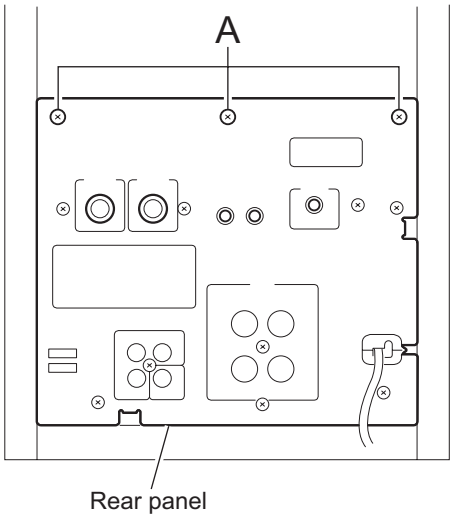


Fig.1

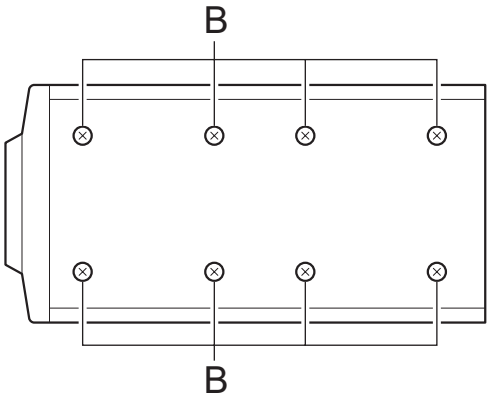


Fig.2

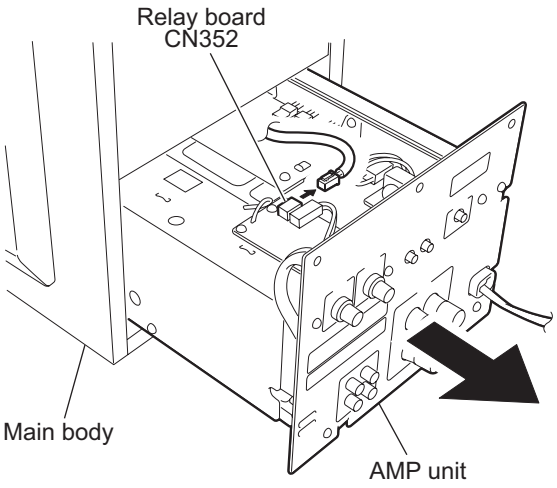


Fig.3

3.1.2 Removing the VR & SW board (See Fig.4 to 6)

- Prior to performing the following procedure, remove the amplifier unit.
  (1) Disconnect the wire from connector CN105 on the power board.
  (2) Disconnect the wire from connector CN306 on the VR & SW board.
  (3) Remove the six screws **D** attaching the rear panel assembly.
  (4) Remove the two knobs **a** from the VR & SW board.
  (5) Remove the three screws **E** attaching the VR & SW board from the rear panel.
  (6) Remove the three knobs **b** from the VR & SW board.
  (7) Remove the four screws **F** and the two ring nuts G from the bracket of the VR & SW board.

Attention:
You can remove the VR & SW board without removing the rear panel.

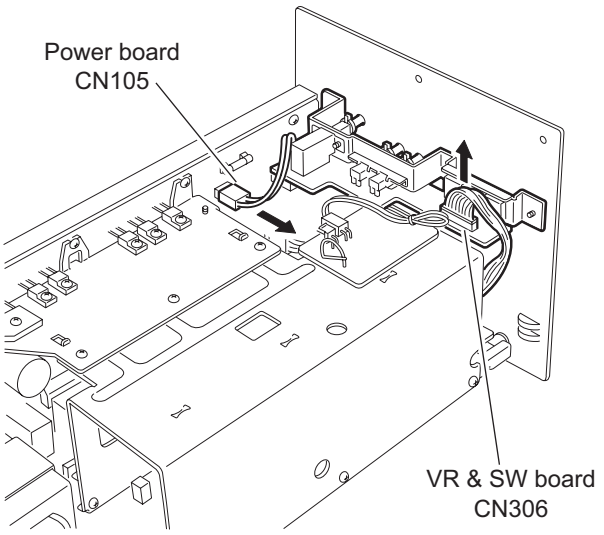


Fig.4

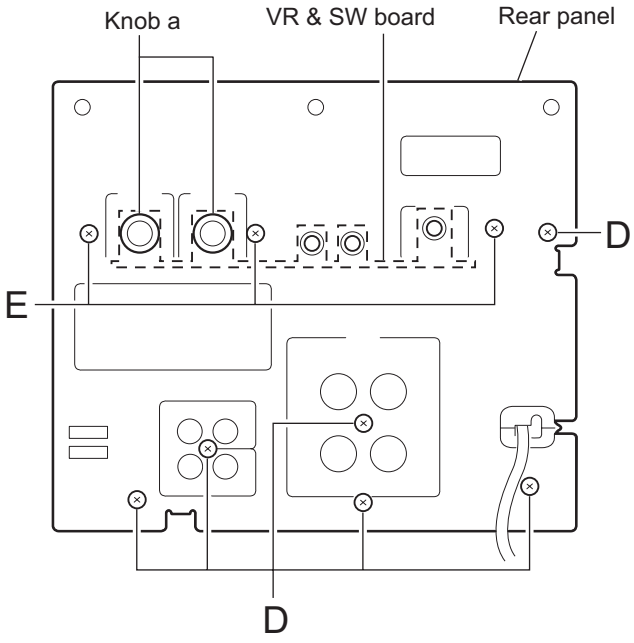


Fig.5

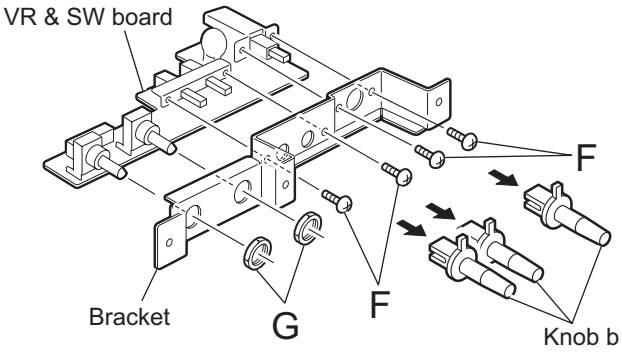


Fig.6

3.1.3 Removing the relay board (See Fig.7)

- Prior to performing the following procedure, remove the amplifier unit.
  (1) Disconnect the wire from connector CN351 on the relay board.
  (2) Remove the four screws **H** attaching the relay board.

Attention:
You can remove the relay board solely.

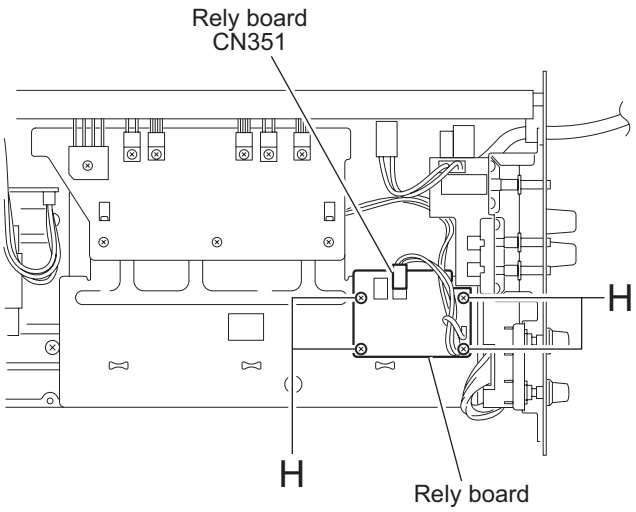


Fig.7

3.1.4 Removing the LED board (See Fig.8)

- Prior to performing the following procedure, remove the amplifier unit.
  (1) Disconnect the wire from connector CN305 on the main board.
  (2) Remove the two screws **J** attaching the LED board from the amplifier unit.
  (3) Remove the two joints **d** of the LED holder and remove the LED holder.

Attention:
You can remove the LED board solely.

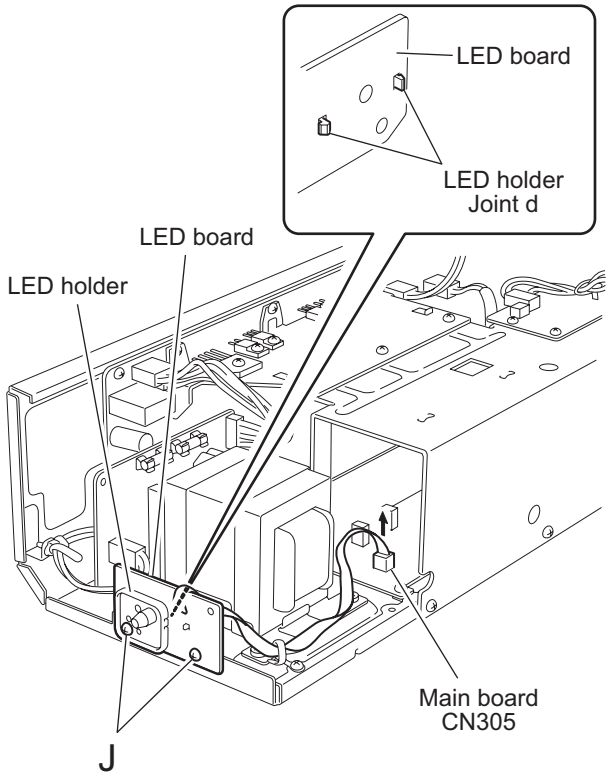


Fig.8

3.1.5 Removing the power transformer & transformer board (See Fig.9, 10)

- Prior to performing the following procedure, remove the amplifier unit.
  (1) Disconnect the wire from connector CN102 on the transformer board.
  (2) Disconnect the wire from connector CN151 and CN104 on the power board.
  (3) Remove the four screws **K** attaching the power transformer.
  (4) If necessary, unsolder the eight soldered points.

Attention:

You can remove the power transformer & transformer board.

Caution:

Removed the screw of the ground if power transformer is connected to the ground.

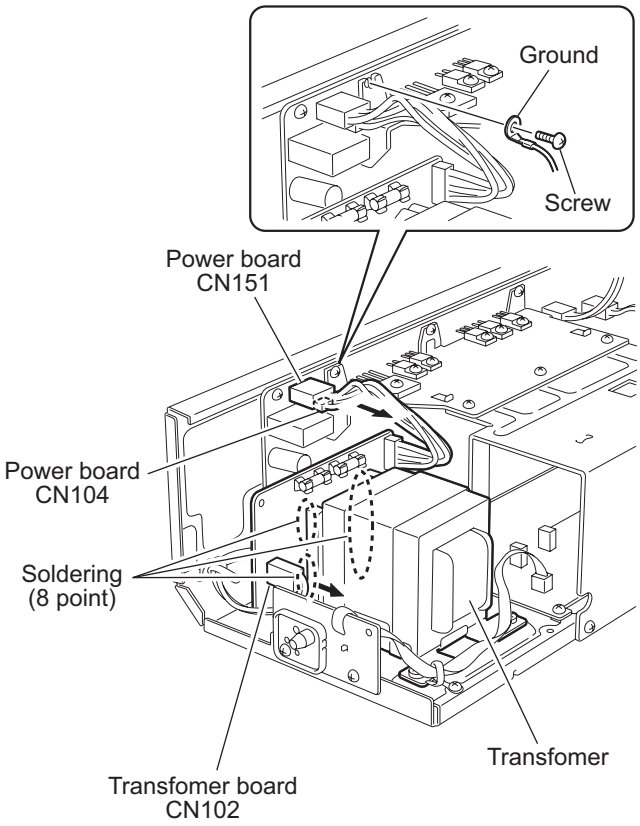


Fig.9

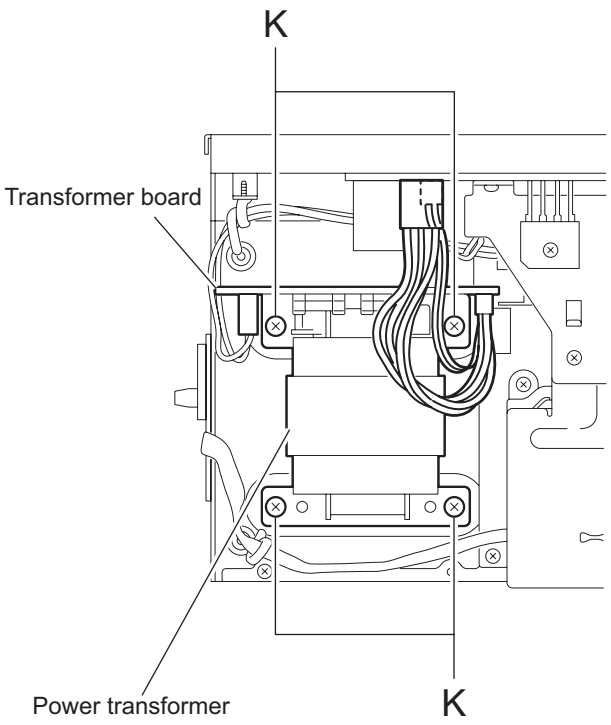


Fig.10

3.1.6 Removing the power board
(See Fig.11 to 13)

- Prior to performing the following procedure, remove the amplifier unit.
- Remove the rear panel assembly referring to "Removing the VR&SW board".

(1) Disconnect the power cord from connector CN101 on the power board.

Caution:
When reconnecting the power cord, confirm the direction of the strain relief.

(2) Disconnect the wire from connector CN151, CN104 and CN103 on the power board.
(3) Remove the three screws **L** setting the heat sink of the transistor.
(4) Remove the seven screws **M** attaching the power board.
(5) Disconnect connector CN301 and CN302 on the main board from connector CN501 and CN502 on the power board.
(6) Remove the seven screws **N** attaching the transistor and the heat sink.
(7) From the back of the power board, remove the two joints **e** of the heat sink.

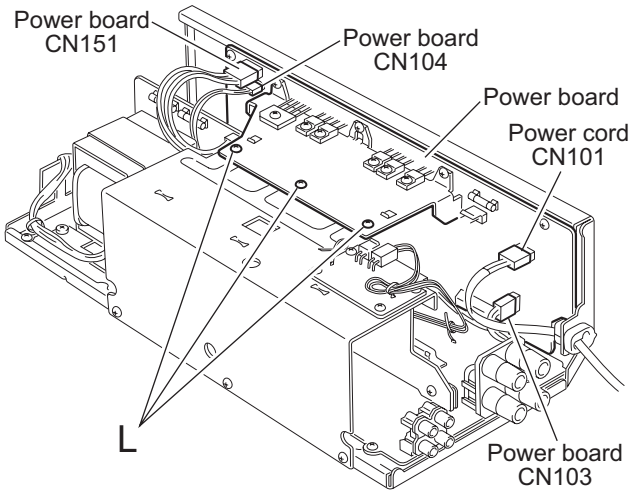


Fig.11

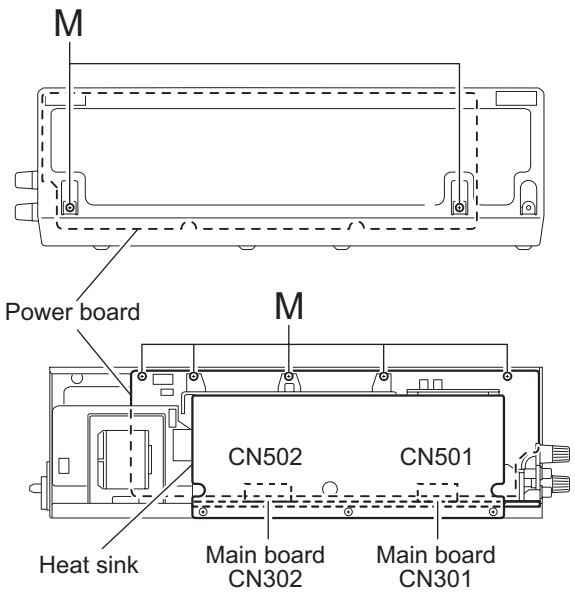


Fig.12

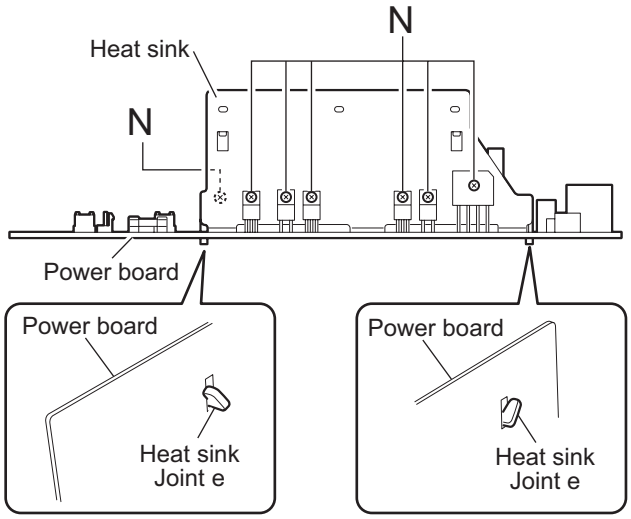


Fig.13

3.1.7 Removing the main board
(See Fig.14, 15)

- Prior to performing the following procedure, remove the amplifier unit and the power board.
- Remove the rear panel assembly referring to "Removing the VR&SW board".

(1) Disconnect the wire from connector CN315 on the relay board.
(2) Disconnect the card wire from connector CN305 on the main board.
(3) Remove the three screws **P** attaching the heat sink and the IC bracket on the main board. Remove the IC bracket.

Attention:
The H/S bracket comes off.

(4) Remove the three screws **Q** attaching the heat sink on the main board.
(5) Remove the three screws **R** and six screws **T** attaching the main board.

Attention:
The main board and the heat sink come off.

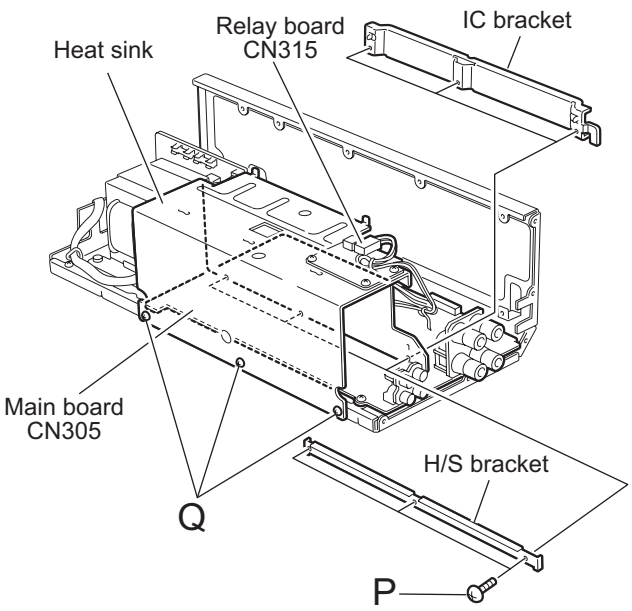


Fig.14

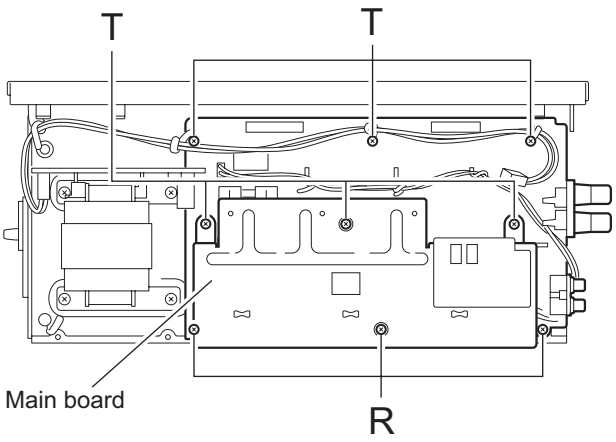


Fig.15

3.1.8 Removing the speaker (See Fig.16)

- Referring the "Removing the amplifier unit", pull out the amplifier unit. Disconnect the wire from connector CN352 on the relay board.
  (1) From the main body, remove the eight boss **f** of the Net assembly.
  (2) Remove the eight screws **U** attaching the speaker.
  (3) Disconnect the wire from the speaker terminal.

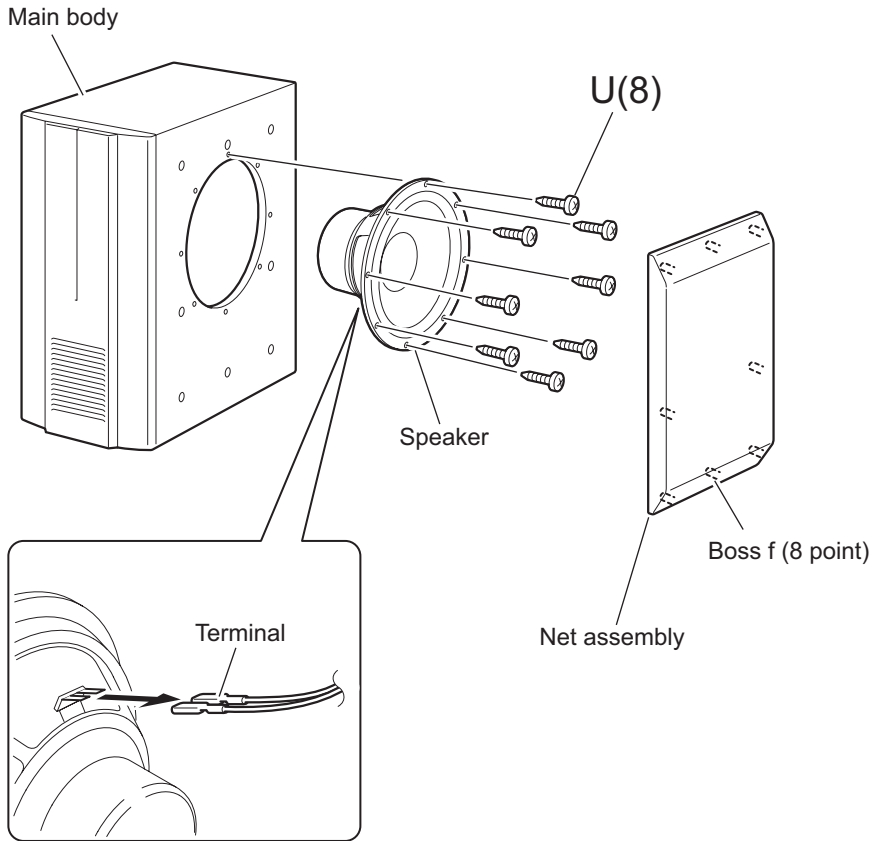


Fig.16

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB461)

Printed in Japan
VPT

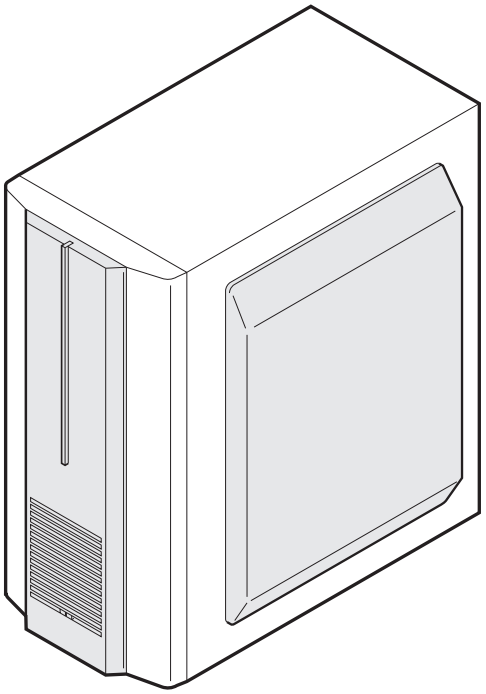
JVC

SCHEMATIC DIAGRAMS

POWERED SUBWOOFER

SX-DW55

CD-ROM No.SML200510



Area suffix

J ---------- U.S.A.
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B ---------- U.K.
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EV ---------- Eastern Europe
US ---------- Singapore
UP ---------- Korea
UT ---------- Taiwan
UJ ---------- U.S.Military

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

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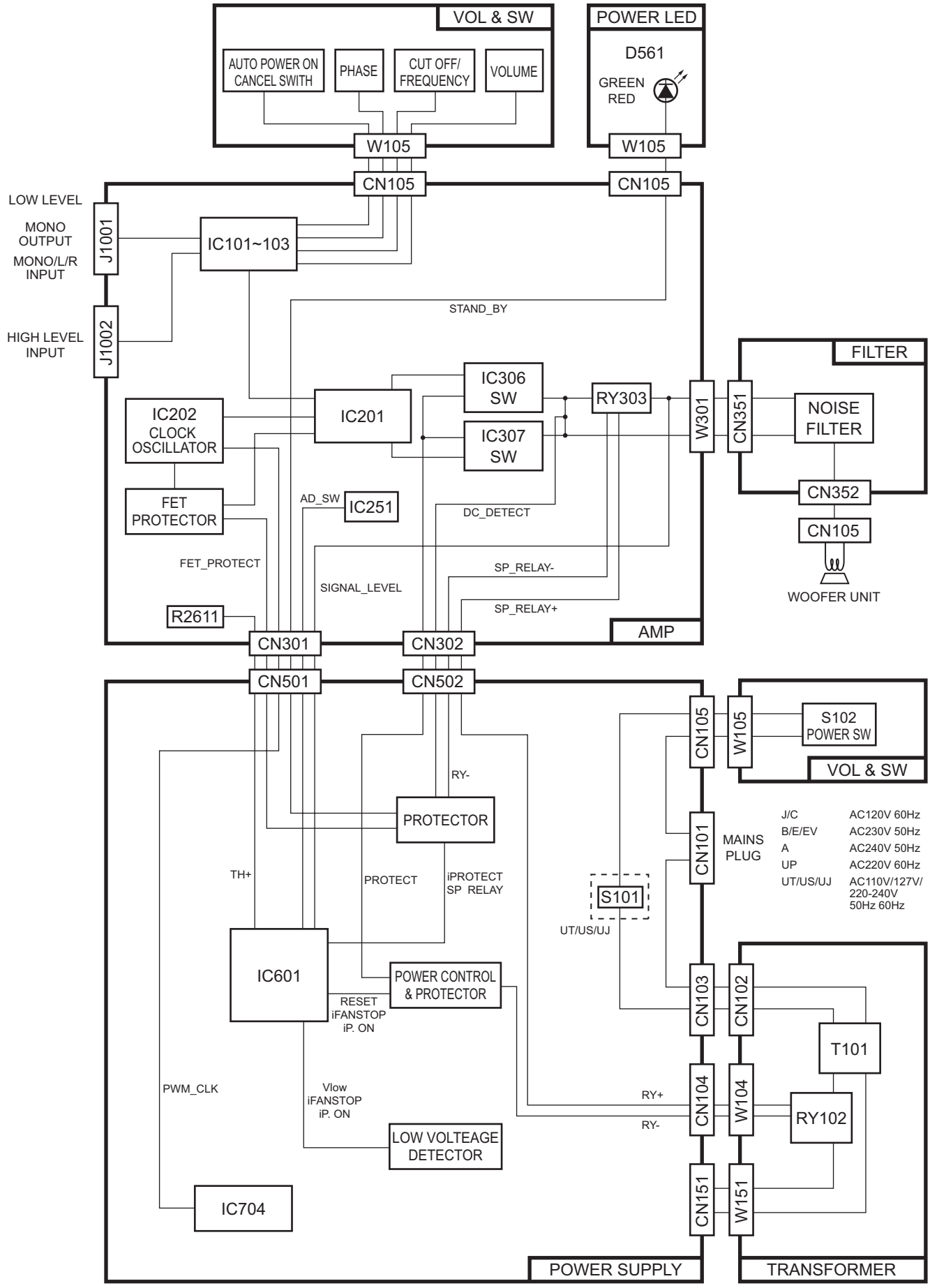
2005/10

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (●) or identified by the "⚠" mark nearby are critical for safety.

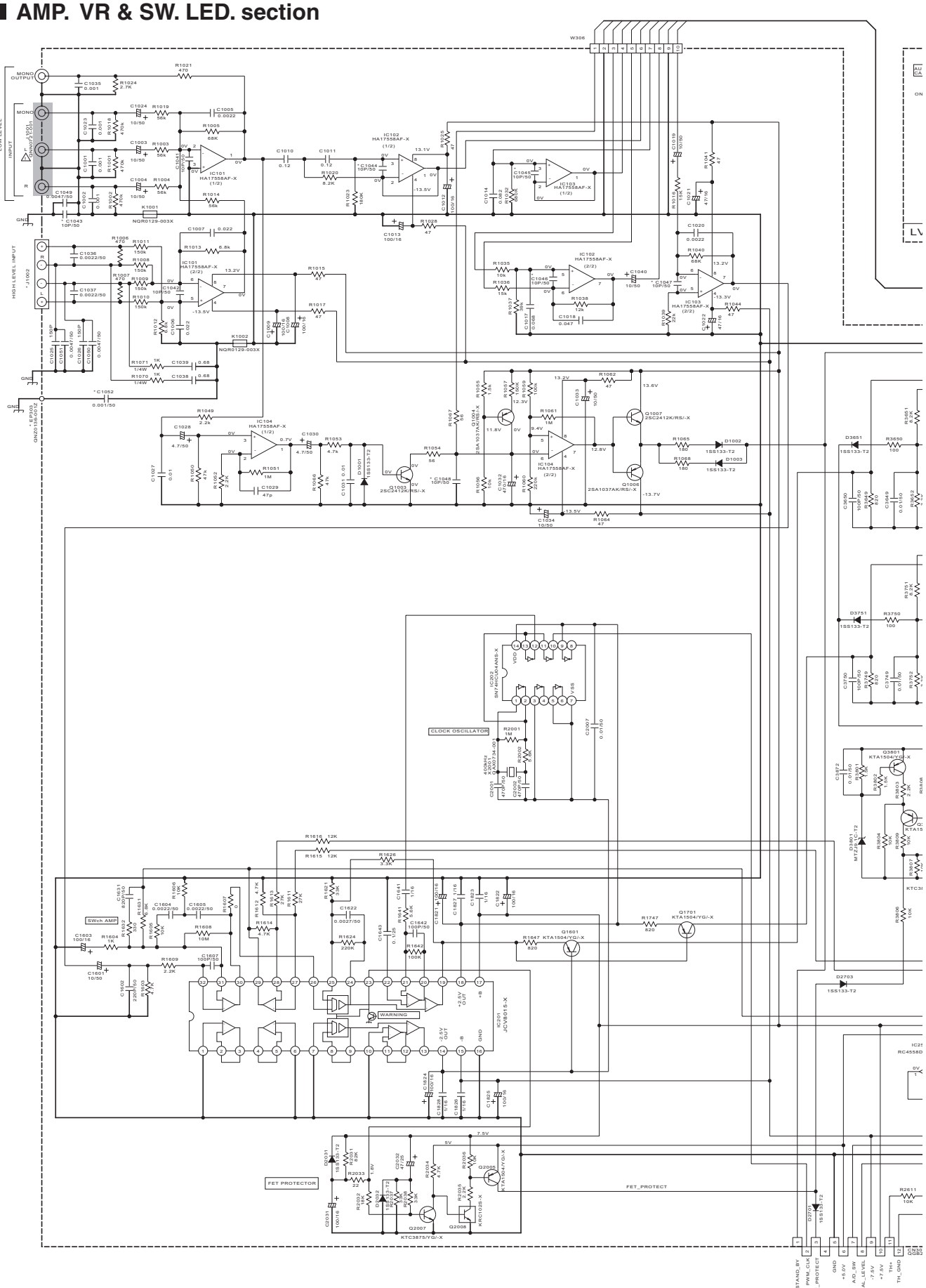
(This regulation does not correspond to J and C version.)

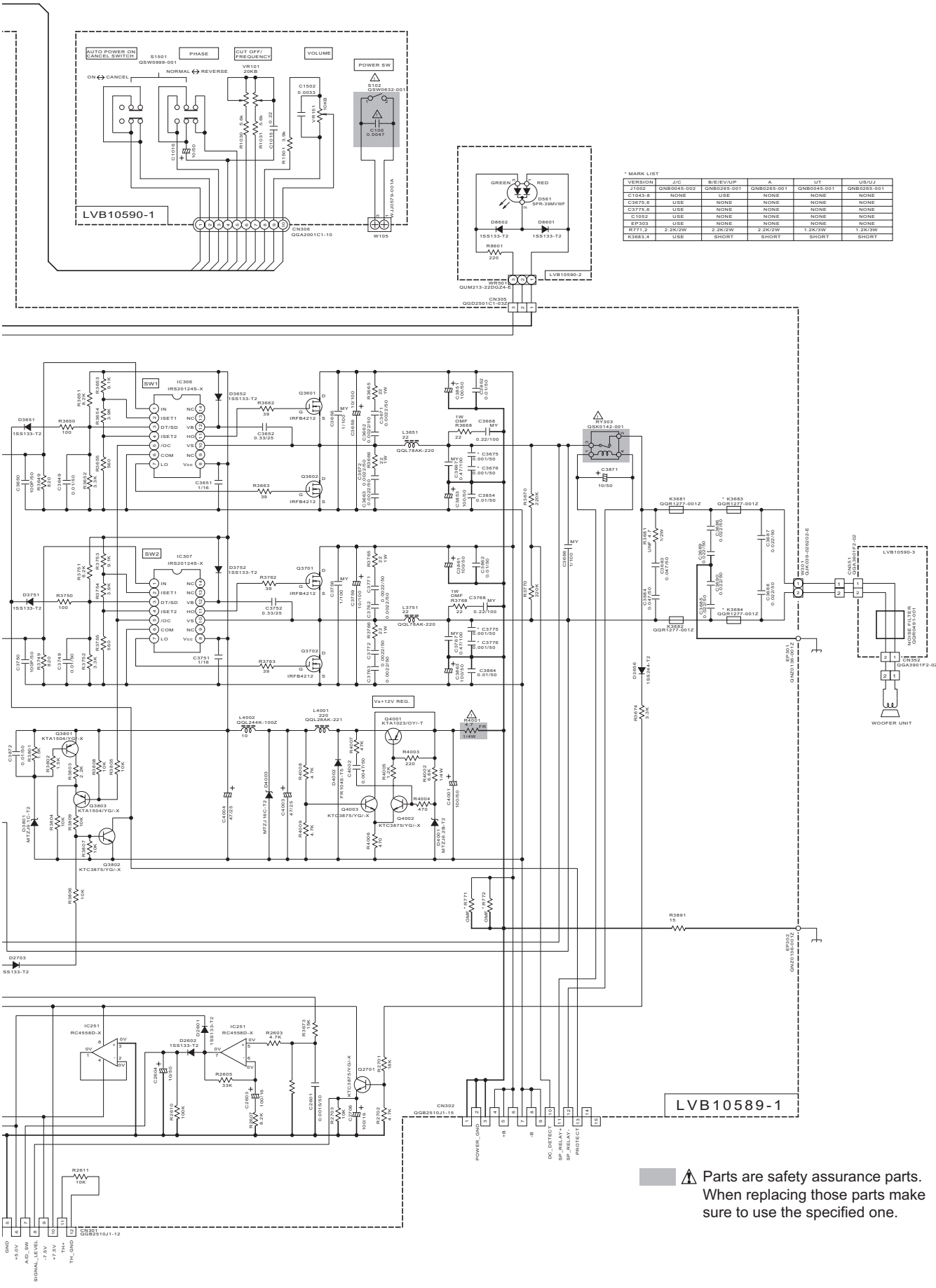
Block diagram



Standard schematic diagrams

■ AMP. VR & SW. LED. section




LVB10590-1
LVB10590-2
LVB10590-3
LVB10589-1
AUTO POWER ON CANCEL SWITCH
S1501 QSW0999-001
PHASE
CUT OFF/ FREQUENCY
VOLUME
POWER SW
S102 QSW0632-001
ON ↔ CANCEL
NORMAL ↔ REVERSE
VR101 20KB
C1502 0.0033
C100 0.0047
W105
WJU057A-001A
CN306 QGA2001C1-10
GREEN
RED
D561 SPR-39MWF
D8602 1SS133-T2
D8601 1SS133-T2
R8601 220
WR501 QUM213-220G24-E
CN103 QGD2501C1-932
* MARK LIST
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C1043-8 | NONE | USE | NONE | NONE | NONE
C3675,6 | USE | NONE | NONE | NONE | NONE
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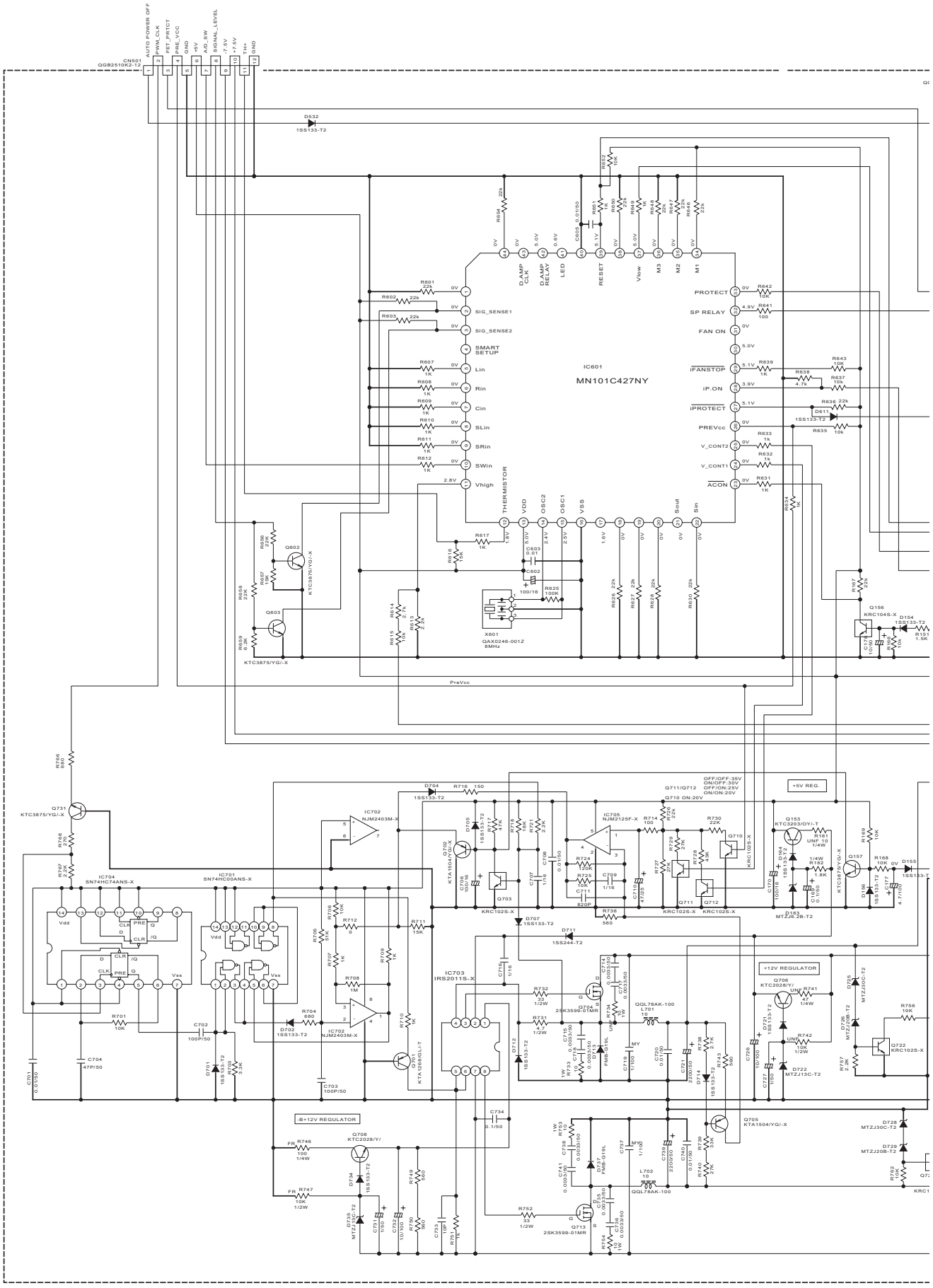
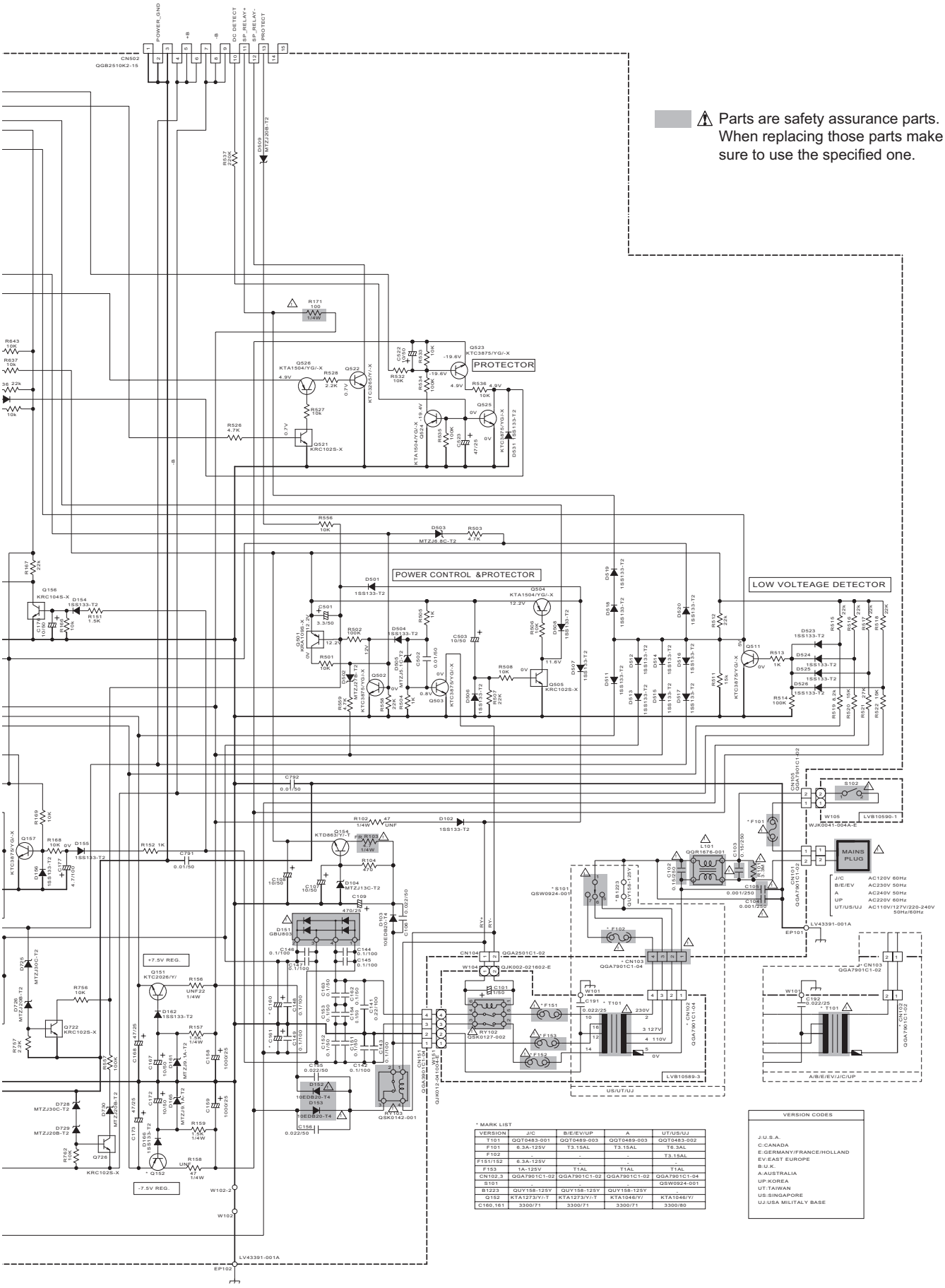
C1052 | USE | NONE | NONE | NONE | NONE
EP303 | USE | NONE | NONE | NONE | NONE
R771,2 | 2.2K/2W | 2.2K/2W | 2.2K/2W | 1.2K/3W | 1.2K/3W
K3683,4 | USE | SHORT | SHORT | SHORT | SHORT
SW1
SW2
IC306 IRS20124S-X
IC307 IRS20124S-X
IN
ISET1
DT/SD
ISET2
/OC
COM
LO
NC
VB
HO
VS
Vcc
D3652 1SS133-T2
D3752 1SS133-T2
D3651 1SS133-T2
D3751 1SS133-T2
Q3601 IRFB4212
Q3602 IRFB4212
Q3701 IRFB4212
Q3702 IRFB4212
L3651 22 QQL758AK-220
L3751 22 QQL758AK-220
RY303 QSK0142-001
K3681 QQR1277-001Z
* K3683 QQR1277-001Z
K3682 QQR1277-001Z
* K3684 QQR1277-001Z
EP301 QND0158K001Z
CN301 QGA3901F2-02
CN352 QGA3901F2-02
NOISE FILTER QWM1-0150
WOOFER UNIT
Vs+12V REG.
Q4001 KTA1023/GY/-T
Q3801 KTA1504/YG/-X
Q3803 KTA1504/YG/-X
Q3802 KTC3875/YG/-X
Q4003 KTC3875/YG/-X
Q4002 KTC3875/YG/-X
D4001 MTZJ18A-T2
D4002 FR1048-TE
D4003 MTZJ16C-T2
D3801 MTZJ18C-T2
L4001 220 QQL758AK-221
L4002 QQL244K-100Z
R4201 1.4W FB
IC251 RC4558D-X
IC251 RC4558D-X
D2601 1SS133-T2
D2602 1SS133-T2
Q2701 KTC3875/YG/-X
CN302 QGB2510J1-15
CN301 QGB2510J1-12
POWER_GND
+B
-B
DC_DETECT
SP_RELAY+
SP_RELAY-
PROTECT
GND
+5.0V
A/D_SW
SIGNAL_LEVEL
-7.5V
+7.5V
+7.5V
TH_GND
Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Power control & protector. transformer section



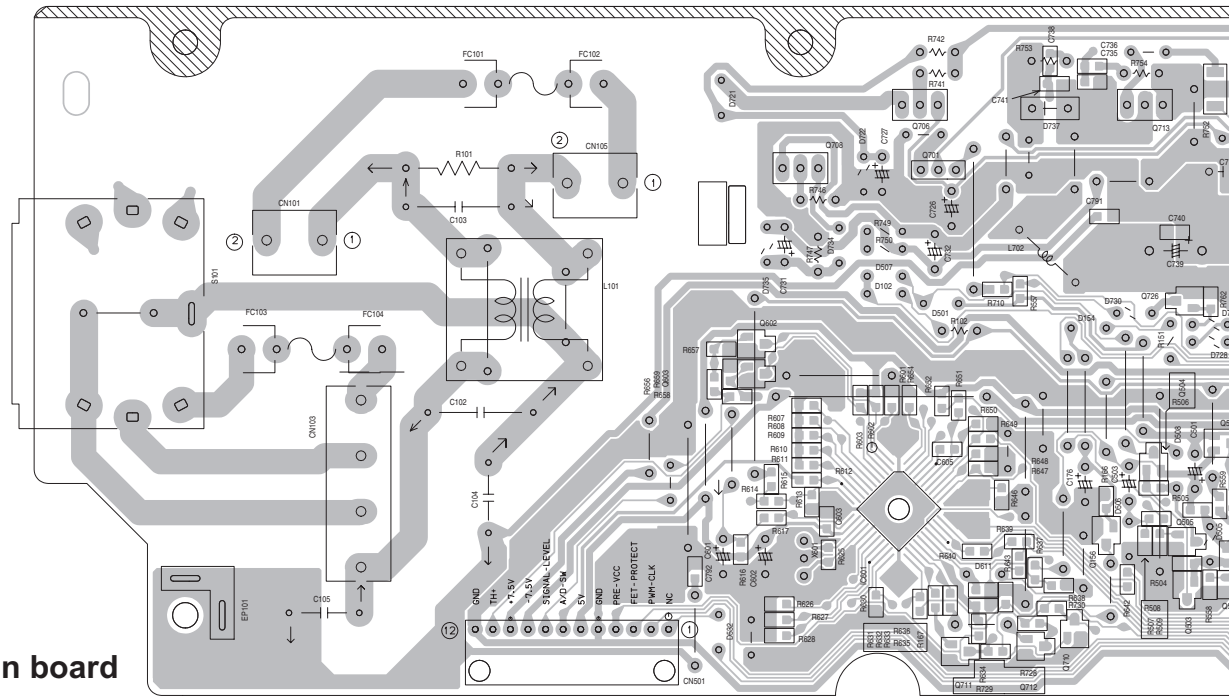


VERSION	J/C	B/E/EV/UP	A	UT/US/UJ
T101	QQT0483-001	QQT0489-003	QQT0489-003	QQT0483-002
F101	6.3A-125V	T3.15AL	T3.15AL	T6.3AL
F102	-	-	-	T3.15AL
F151/152	6.3A-125V	-	-	-
F153	1A-125V	T1AL	T1AL	T1AL
CN102,3	QGA7901C1-02	QGA7901C1-02	QGA7901C1-02	QGA7901C1-04
S101	-	-	-	QSW0924-001
B1223	QUY158-125Y	QUY158-125Y	QUY158-125Y	
Q152	KTA1273/Y/-T	KTA1273/Y/-T	KTA1046/Y/	KTA1046/Y/
C160,161	3300/71	3300/71	3300/71	3300/80

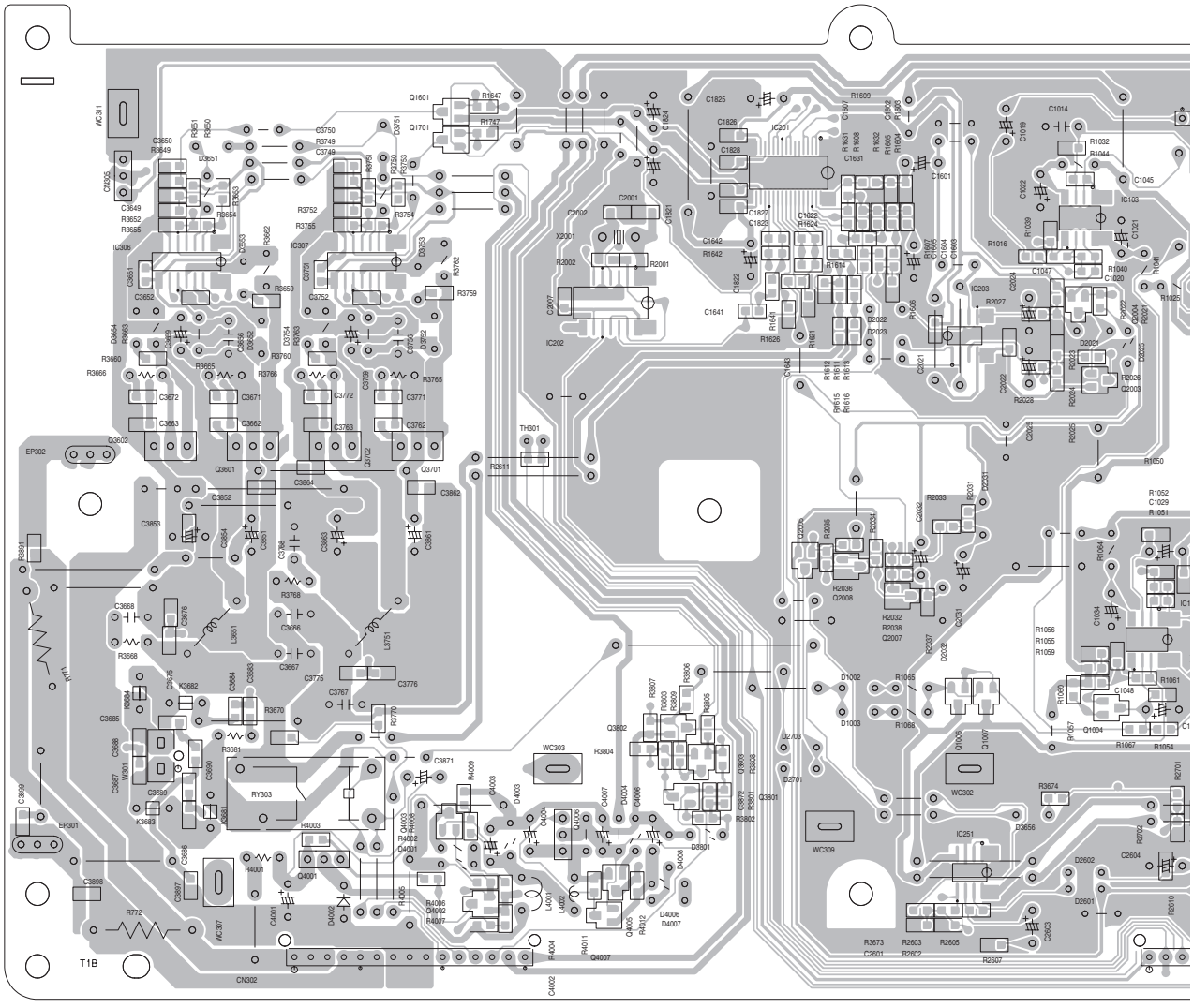
Printed circuit boards

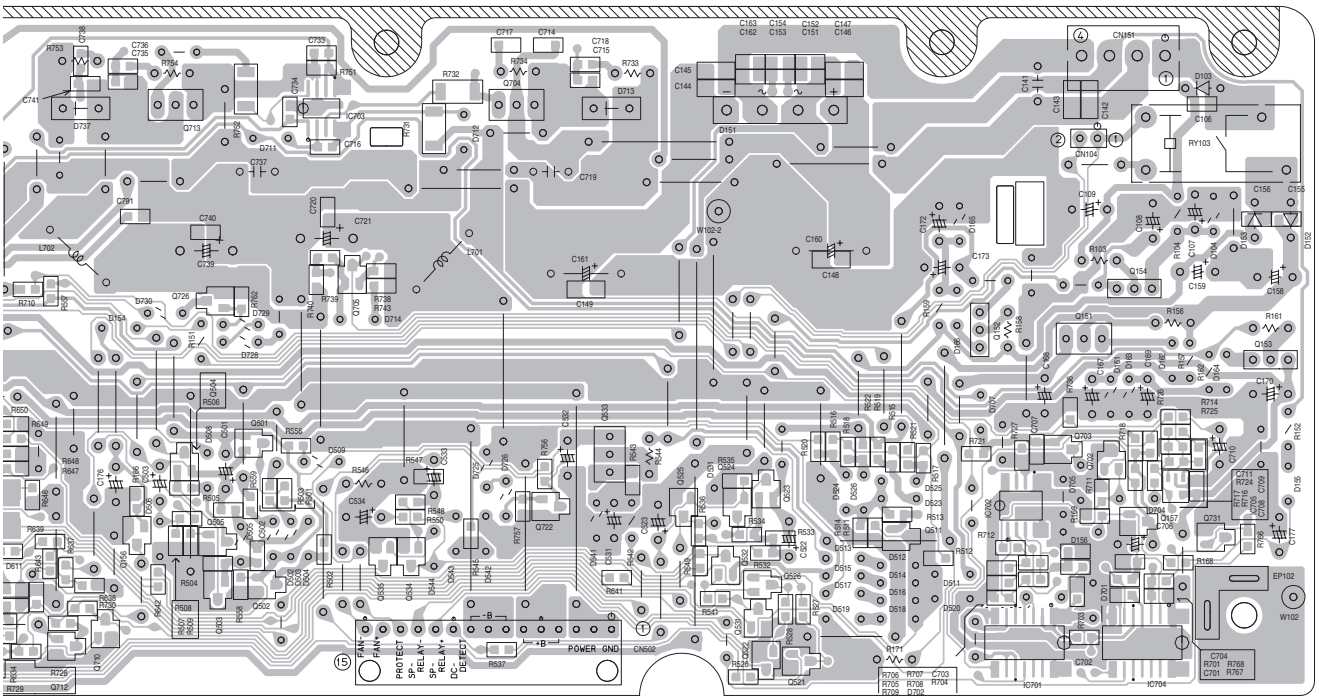
■ Power board

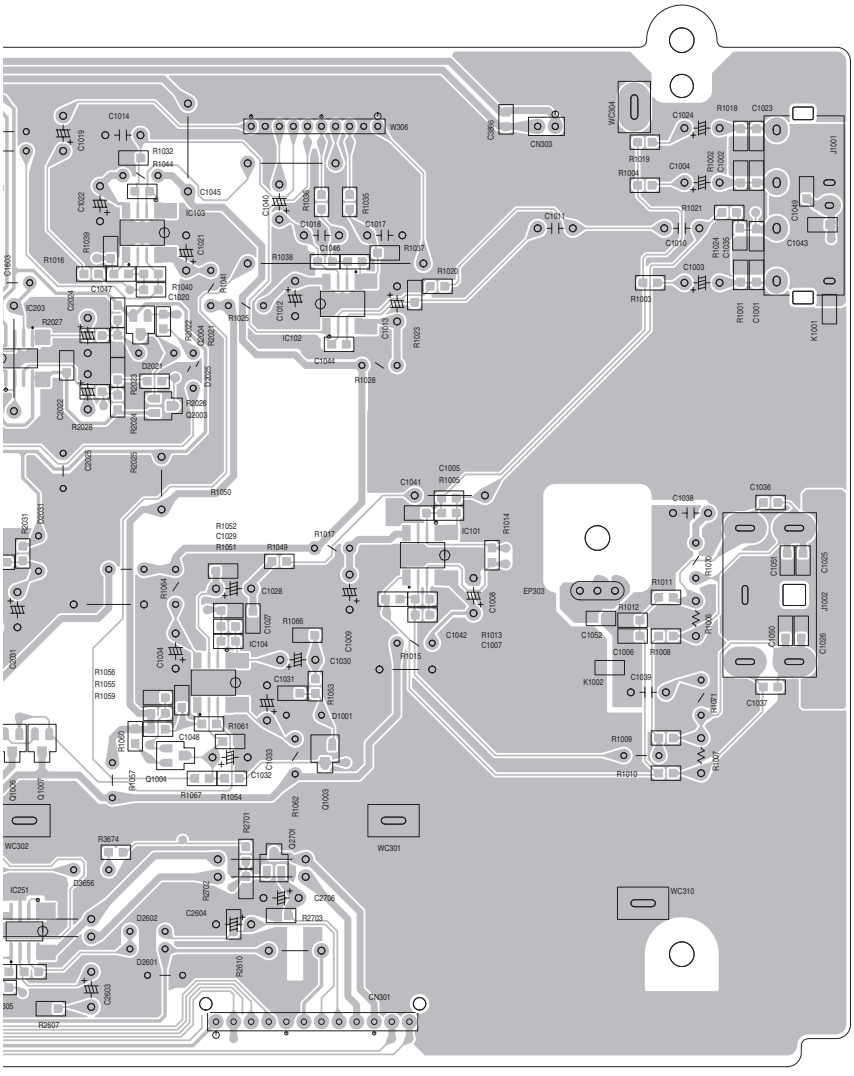
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



■ Main board

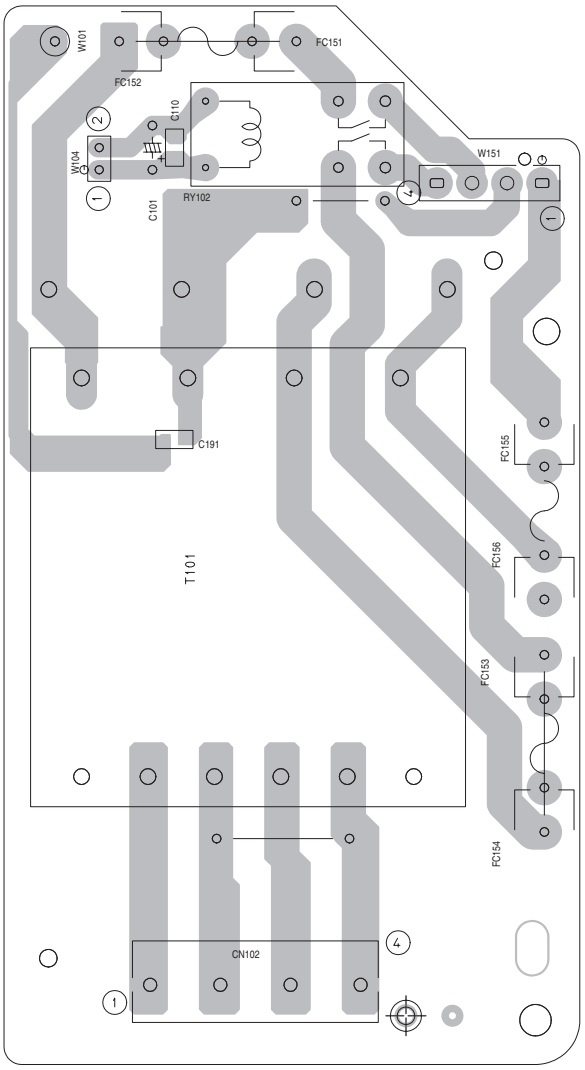



FAN+
FAN-
PROTECT
SP+
RELAY-
SP-
RELAY+
DETECT
-B
+B
POWER GND
CN502



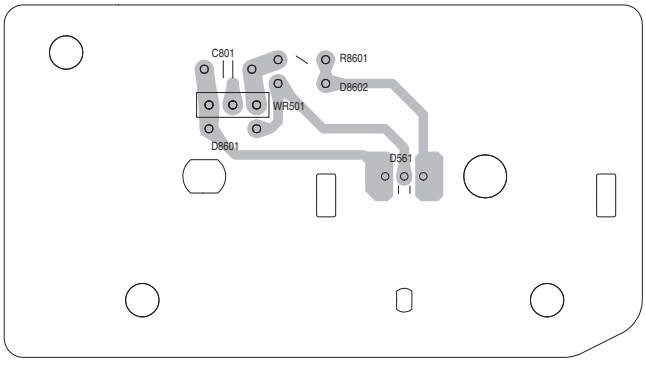
■ Transformer board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



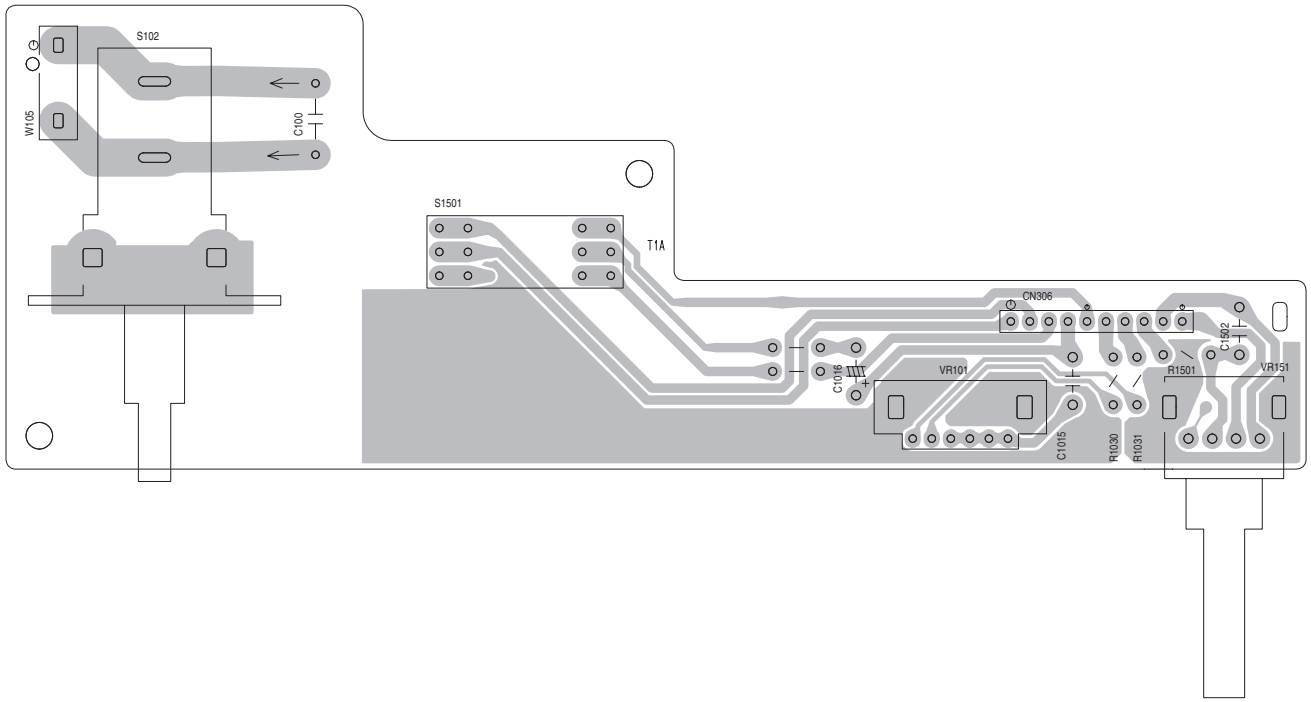
■ LED board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



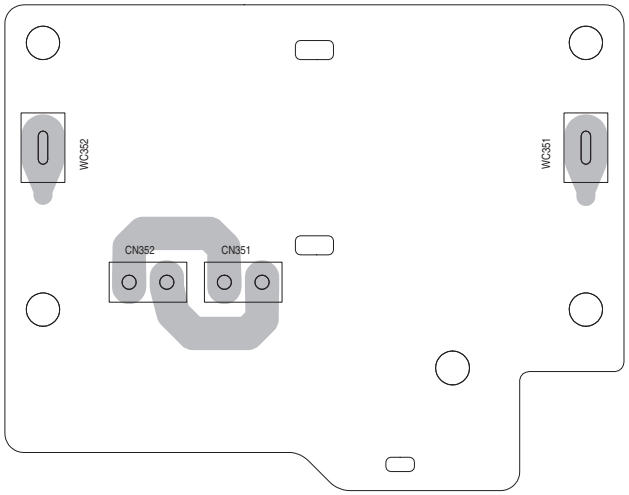
■ Relay board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



■ VR & SW board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB461SCH)

Printed in Japan
VPT

PARTS LIST

[SX-DW55]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

J ---------- U.S.A.
C ---------- Canada
A ---------- Australia
B ---------- U.K.
E ---------- Continental Europe
EV ---------- Eastern Europe
US ---------- Singapore
UP ---------- Korea
UT ---------- Taiwan
UJ ---------- U.S.Military

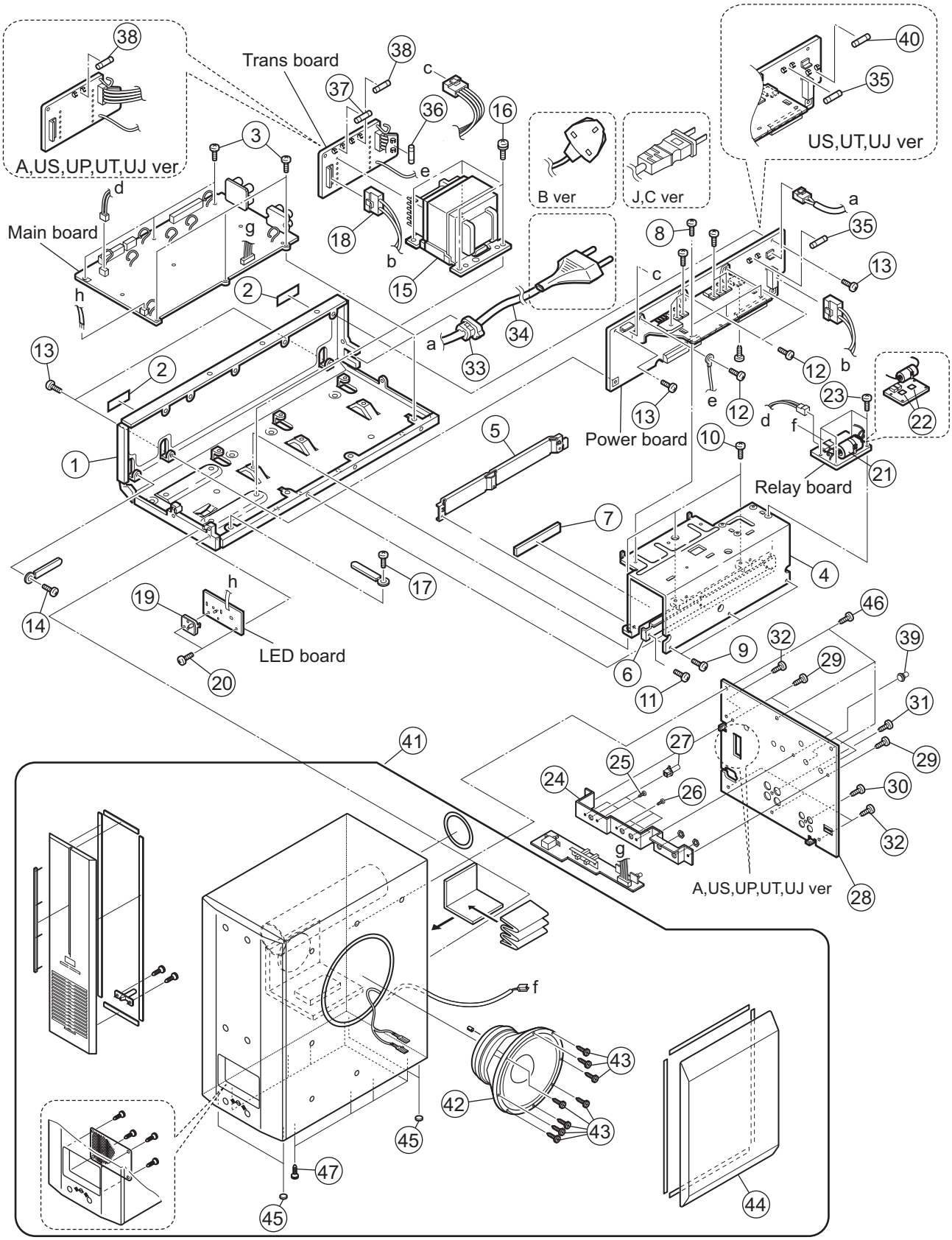
- Contents -

Exploded view of general assembly and parts list (Block No.M1) ---------- 3- 2
Electrical parts list (Block No.01~02) ---------- 3- 4
Packing materials and accessories parts list (Block No.M3) ---------- 3-10

Exploded view of general assembly and parts list

(Subwoofer)

Block No. M 1 M M



The parts without symbol number are not service.

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	LV11059-001A	CHASSIS BASE		
	2	LV30225-0T9A	SPACER	(x2)	
	3	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x6)	
	4	LV21942-002A	HIAT SINK		
	5	LV35739-002A	IC BRACKET		
	6	LV36234-001A	H/S BRACKET		
	7	LV44170-001A	COOLING RUBBER		
	8	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	9	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	10	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	11	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	12	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	13	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x4)	
	14	QYSBST3008ZA	TAP SCREW	M3 x 8mm	
⚠	15	QQT0483-001	POWER TRANSF		DW55C,DW55J
⚠	15	QQT0489-003	POWER TRANSF		DW55A,DW55B,DW55E,DW55EV,DW55UP
⚠	15	QQT0483-002	POWER TRANSF		DW55UJ,DW55US,DW55UT
	16	QYSDSTL4010EA	TAP SCREW	M4 x 10mm(x4)	
	17	QYSBST3008ZA	TAP SCREW	M3 x 8mm	
	18	WJJ0579-001A-E	E-SI C WIRE		DW55A,DW55B,DW55C,DW55E,DW55EV DW55J,DW55UP
	18	WJJ0582-001A-E	E-SI C WIRE		DW55UJ,DW55US,DW55UT
	19	LV43692-002A	LED HOLDER		
	20	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	21	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	22	VYSH101-009	SPACER	(x2)	
	23	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x4)	
	24	LV35989-001A	BRACKET		
	25	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
	26	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
	27	E407321-002SM	PUSH BUTTON	(x3)	
	28	LV22056-001A	REAR PANEL		DW55C,DW55J
	28	LV22056-003A	REAR PANEL		DW55A,DW55B,DW55E,DW55EV,DW55UP
	28	LV22056-002A	REAR PANEL		DW55UJ,DW55US,DW55UT
	29	QYSBSGY3008MA	TAP SCREW	M3 x 8mm(x3)	
	30	QYSBSGY3008MA	TAP SCREW	M3 x 8mm	
	31	QYSBSGY3008MA	TAP SCREW	M3 x 8mm	
	32	QYSBSGY3008MA	TAP SCREW	M3 x 8mm(x4)	
⚠	33	QZW0033-001	STRAIN RELIEF		
⚠	34	QMPG150-244-JC	POWER CORD(US/CA)	2.44m BLACK	DW55A
⚠	34	QMPN160-200-JD	POWER CORD(US/CA)	2m BLACK	DW55B
⚠	34	QMPK210-205-JN	POWER CORD(US/CA)	2.05m BLACK	DW55E,DW55EV
⚠	34	QMPD380-200-JN	POWER CORD(US/CA)	2m BLACK	DW55C,DW55J
⚠	34	QMPR310-200-JC	POWER CORD(US/CA)	2m BLACK	DW55UP
⚠	34	QMPK190-200-JC	POWER CORD(US/CA)	2m BLACK	DW55UJ,DW55US
⚠	34	QMPR600-200-JD	POWER CORD(US/CA)	2m BLACK	DW55UT
⚠	35	QMF51U1-6R3-J8	FUSE	6.3A AC125V	DW55C,DW55J
⚠	35	QMF51W2-3R15-J8	FUSE	3.15A AC250V	DW55A,DW55B,DW55E,DW55EV,DW55UP
⚠	35	QMF51W2-6R3-J8	FUSE	6.3A AC250V	DW55UJ,DW55US,DW55UT
⚠	36	QMF51U1-6R3-J8	FUSE	6.3A AC125V	DW55C,DW55J
⚠	37	QMF51U1-6R3-J8	FUSE	6.3A AC125V	DW55C,DW55J
⚠	38	QMF51U1-1R0-J8	FUSE	1A AC125V	DW55C,DW55J
⚠	38	QMF51W2-1R0-J8	FUSE	1A AC250V	DW55A,DW55B,DW55E,DW55EV,DW55UJ, DW55UP,DW55US,DW55UT
	39	LV30734-002A	KNOB	(x2)	
⚠	40	QMF51W2-3R15-J8	FUSE	3.15A AC250V	DW55UJ,DW55US,DW55UT
	41	QAS0340-001	SPK WITH BOX		
	41	QAS0340-002	SPK WITH BOX		
	42	LE10025-014A	CONE SPK		
	43	7001541606	TAPPING SCREW	(x8)	
	44	LV22061-001A	NET ASSY		
	45	9000007961	FOOT	(x4)	
	46	7001541605	TAPPING SCREW	(x3)	
	47	7014341401	SCREW	(x8)	

Electrical parts list

Amp board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	HA17558AF-X	IC		
IC102	HA17558AF-X	IC		
IC103	HA17558AF-X	IC		
IC104	HA17558AF-X	IC		
IC201	JCV8015-X	IC		
IC202	SN74HCU04ANS-X	IC		
IC251	RC4558D-X	IC		
IC306	IRS20124S-X	IC		
IC307	IRS20124S-X	IC		
IC601	MN101C427NY	IC		
IC701	SN74HC00ANS-X	IC		
IC702	NJM2403M-X	IC		
IC703	IRS2011S-X	IC		
IC704	SN74HC74ANS-X	IC		
IC705	NJM2125F-X	IC		
Q151	KTC2026/Y/	TRANSISTOR		DW55 B,DW5 5C,D W55E, DW55 EV,D W55J, DW55 UP
Q152	KTA1273/Y/-T	TRANSISTOR		
Q152	KTA1046/Y/	TRANSISTOR		DW55 A,DW5 5UJ,D W55U S,DW5 5UT
Q153	KTC3203/OY/-T	TRANSISTOR		
Q154	KTD863/Y/-T	TRANSISTOR		
Q156	KRC104S-X	TRANSISTOR		
Q157	KTC3875/YG/-X	SI TRANSISTOR		
Q501	KRA109S-X	D.TRANSISTOR		
Q502	KTC3875/YG/-X	SI TRANSISTOR		
Q503	KTC3875/YG/-X	SI TRANSISTOR		
Q504	KTA1504/YG/-X	SI TRANSISTOR		
Q505	KRC102S-X	DIGI TRANSISTOR		
Q511	KTC3875/YG/-X	SI TRANSISTOR		
Q521	KRC102S-X	DIGI TRANSISTOR		
Q522	KTC3265/Y/-X	TRANSISTOR		
Q523	KTC3875/YG/-X	SI TRANSISTOR		
Q524	KTA1504/YG/-X	SI TRANSISTOR		
Q525	KTC3875/YG/-X	SI TRANSISTOR		
Q526	KTA1504/YG/-X	SI TRANSISTOR		
Q602	KTC3875/YG/-X	SI TRANSISTOR		
Q603	KTC3875/YG/-X	SI TRANSISTOR		
Q701	KTA1268/GL/-T	TRANSISTOR		
Q702	KTA1504/YG/-X	SI TRANSISTOR		
Q703	KRC102S-X	DIGI TRANSISTOR		
Q704	2SK3599-01MR	POWER MOS FET		
Q705	KTA1504/YG/-X	SI TRANSISTOR		
Q706	KTC2028/Y/	TRANSISTOR		
Q708	KTC2028/Y/	TRANSISTOR		
Q710	KRC102S-X	DIGI TRANSISTOR		
Q711	KRC102S-X	DIGI TRANSISTOR		
Q712	KRC102S-X	DIGI TRANSISTOR		
Q713	2SK3599-01MR	POWER MOS FET		
Q722	KRC102S-X	DIGI TRANSISTOR		
Q726	KRC102S-X	DIGI TRANSISTOR		
Q731	KTC3875/YG/-X	SI TRANSISTOR		
Q1003	2SC2412K/RS/-X	TRANSISTOR		
Q1004	2SA1037AK/RS/-X	TRANSISTOR		
Q1006	2SA1037AK/RS/-X	TRANSISTOR		
Q1007	2SC2412K/RS/-X	TRANSISTOR		
Q1601	KTA1504/YG/-X	SI TRANSISTOR		
Q1701	KTA1504/YG/-X	SI TRANSISTOR		
Q2005	KTA1504/YG/-X	SI TRANSISTOR		
Q2007	KTC3875/YG/-X	SI TRANSISTOR		
Q2008	KRC102S-X	DIGI TRANSISTOR		
Q2701	KTC3875/YG/-X	SI TRANSISTOR		
Q3601	IRFB4212	FET		
Q3602	IRFB4212	FET		
Q3701	IRFB4212	FET		
Q3702	IRFB4212	FET		
Q3801	KTA1504/YG/-X	SI TRANSISTOR		
Q3802	KTC3875/YG/-X	SI TRANSISTOR		
Q3803	KTA1504/YG/-X	SI TRANSISTOR		
Q4001	KTA1023/OY/-T	TRANSISTOR		
Q4002	KTC3875/YG/-X	SI TRANSISTOR		
Q4003	KTC3875/YG/-X	SI TRANSISTOR		
D102	1SS133-T2	SI DIODE		
D103	10EDB20-T4	DIODE		
D104	MTZJ13C-T2	Z DIODE		
D151	GBU803	BRIDGE DIODE		
D152	10EDB20-T4	DIODE		
D153	10EDB20-T4	DIODE		
D154	1SS133-T2	SI DIODE		
D155	1SS133-T2	SI DIODE		
D156	1SS133-T2	SI DIODE		
D161	MTZJ9.1A-T2	Z DIODE		
D162	1SS133-T2	SI DIODE		
D163	MTZJ6.2B-T2	Z DIODE		
D164	1SS133-T2	SI DIODE		
D165	MTZJ9.1A-T2	Z DIODE		
D166	1SS133-T2	SI DIODE		
D501	1SS133-T2	SI DIODE		
D502	MTZJ27B-T2	Z DIODE		
D503	MTZJ6.8C-T2	Z DIODE		
D504	1SS133-T2	SI DIODE		
D505	MTZJ5.1C-T2	Z DIODE		
D506	1SS133-T2	SI DIODE		
D507	1SS133-T2	SI DIODE		
D508	1SS133-T2	SI DIODE		
D509	MTZJ20B-T2	Z DIODE		
D511	1SS133-T2	SI DIODE		
D512	1SS133-T2	SI DIODE		
D513	1SS133-T2	SI DIODE		
D514	1SS133-T2	SI DIODE		
D515	1SS133-T2	SI DIODE		
D516	1SS133-T2	SI DIODE		
D517	1SS133-T2	SI DIODE		
D518	1SS133-T2	SI DIODE		
D519	1SS133-T2	SI DIODE		
D520	1SS133-T2	SI DIODE		
D523	1SS133-T2	SI DIODE		
D524	1SS133-T2	SI DIODE		
D525	1SS133-T2	SI DIODE		
D526	1SS133-T2	SI DIODE		
D531	1SS133-T2	SI DIODE		
D532	1SS133-T2	SI DIODE		
D611	1SS133-T2	SI DIODE		
D701	1SS133-T2	SI DIODE		
D702	1SS133-T2	SI DIODE		
D704	1SS133-T2	SI DIODE		
D705	1SS133-T2	SI DIODE		
D707	1SS133-T2	SI DIODE		
D711	1SS244-T2	SI DIODE		
D712	1SS133-T2	SI DIODE		
D713	FMB-G19L	SB DIODE		
D714	1SS133-T2	SI DIODE		
D721	1SS133-T2	SI DIODE		
D722	MTZJ13C-T2	Z DIODE		
D725	MTZJ30C-T2	Z DIODE		
D726	MTZJ20B-T2	Z DIODE		DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UJ,DW 55UP

⚠ Symbol No.	Part No.	Part Name	Description	Local
D726	MTZJ24C-T2	Z DIODE		DW55 US,D W55U T
D728	MTZJ30C-T2	Z DIODE		
D729	MTZJ20B-T2	Z DIODE		DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UJ,DW 55UP
D729	MTZJ24C-T2	Z DIODE		DW55 US,D W55U T
D730	MTZJ20B-T2	Z DIODE		
D734	1SS133-T2	SI DIODE		
D735	MTZJ13C-T2	Z DIODE		
D737	FMB-G19L	SB DIODE		
D1001	1SS133-T2	SI DIODE		
D1002	1SS133-T2	SI DIODE		
D1003	1SS133-T2	SI DIODE		
D2031	1SS133-T2	SI DIODE		
D2032	1SS133-T2	SI DIODE		
D2601	1SS133-T2	SI DIODE		
D2602	1SS133-T2	SI DIODE		
D2701	1SS133-T2	SI DIODE		
D2703	1SS133-T2	SI DIODE		
D3651	1SS133-T2	SI DIODE		
D3652	1SS244-T2	SI DIODE		
D3656	1SS244-T2	SI DIODE		
D3751	1SS133-T2	SI DIODE		
D3752	1SS244-T2	SI DIODE		
D3801	MTZJ9.1C-T2	Z DIODE		
D4001	MTZJ6.2B-T2	Z DIODE		
D4002	FR104S-T5	FR DIODE		
D4003	MTZJ16C-T2	Z DIODE		
C101	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C102	QFZ9075-154	MPP CAPACITOR	0.15uF AC275V M	
C103	QFZ9075-154	MPP CAPACITOR	0.15uF AC275V M	
C104	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
C105	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
C106	NCF31HZ-223X	C CAPACITOR	0.022uF 50V Z	
C107	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C108	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C109	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C141	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C142	NCZ1061-104X	C CAPACITOR	0.1uF	
C143	NCZ1061-104X	C CAPACITOR	0.1uF	
C144	NCZ1061-104X	C CAPACITOR	0.1uF	
C145	NCZ1061-104X	C CAPACITOR	0.1uF	
C146	NCZ1061-104X	C CAPACITOR	0.1uF	
C147	NCZ1061-104X	C CAPACITOR	0.1uF	
C148	NCZ1061-104X	C CAPACITOR	0.1uF	
C149	NCZ1061-104X	C CAPACITOR	0.1uF	
C151	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C152	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C153	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C154	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C155	NCF31HZ-223X	C CAPACITOR	0.022uF 50V Z	
C156	NCF31HZ-223X	C CAPACITOR	0.022uF 50V Z	
C158	QETM1EM-108	E CAPACITOR	1000uF 25V M	
C159	QETM1EM-108	E CAPACITOR	1000uF 25V M	
C160	QEZ0613-338	E CAPACITOR	3300uF	DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UP
C160	QEZ0783-338	E CAPACITOR	3300uF	DW55 US
C160	QEZ0785-338	E CAPACITOR	3300uF	DW55 UJ,DW 55UT
C161	QEZ0613-338	E CAPACITOR	3300uF	DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UP
C161	QEZ0783-338	E CAPACITOR	3300uF	DW55 US
C161	QEZ0785-338	E CAPACITOR	3300uF	DW55 UJ,DW 55UT
C162	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C163	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C167	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C168	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C169	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C170	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C172	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C173	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C176	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C177	QETN2AM-475Z	E CAPACITOR	4.7uF 100V M	
C191	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UP
C191	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	DW55 UJ,DW 55US, DW55 UT
C501	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C502	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C503	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C522	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C523	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C602	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C603	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C605	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C701	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C702	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C704	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C706	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C707	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C708	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C709	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C710	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C711	NCB31HK-821X	C CAPACITOR	820pF 50V K	
C714	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C715	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C716	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C717	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C718	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C719	QFZ0212-105Z	MF CAPACITOR	1uF	
C720	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C721	QETM1HM-228	E CAPACITOR	2200uF 50V M	
C726	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C727	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C731	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C732	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C733	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C734	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C735	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C736	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C737	QFZ0212-105Z	MF CAPACITOR	1uF	
C738	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C739	QETM1HM-228	E CAPACITOR	2200uF 50V M	
C740	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C741	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C791	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C792	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C1001	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1002	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1003	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1004	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1005	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1006	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1007	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1008	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1009	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1010	QFVF1HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C1011	QFVF1HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C1012	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1013	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1014	QFN31HJ-823Z	M CAPACITOR	0.082uF 50V J	
C1017	QFN31HJ-683Z	M CAPACITOR	0.068uF 50V J	
C1018	QFN31HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1019	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1020	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1021	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1022	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1023	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1024	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1025	NCS31HJ-151X	C CAPACITOR	150pF 50V J	
C1026	NCS31HJ-151X	C CAPACITOR	150pF 50V J	
C1027	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1029	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1030	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1033	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1034	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1035	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1036	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1037	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1038	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J	
C1039	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J	
C1040	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1041	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C1042	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1043	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1044	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1045	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1046	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1047	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1048	NDC31HJ-100X	C CAPACITOR	10pF 50V J	DW55 B,DW5 5E,DW 55EV, DW55 UP
C1049	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1050	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1052	NCB31HK-472X	C CAPACITOR	4700pF 50V K	DW55 C,DW 55J
C1601	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1602	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1603	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1604	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1605	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1607	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1622	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C1631	NCB31HK-821X	C CAPACITOR	820pF 50V K	
C1641	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1642	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1643	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C1821	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1822	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1823	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1824	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1825	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1826	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1827	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1828	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C2001	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2002	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2007	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C2031	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2032	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2601	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C2603	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2604	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2706	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3649	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3650	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3651	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3652	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C3656	QFZ0212-105Z	MF CAPACITOR	1uF	
C3659	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C3662	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3663	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3666	QFZ0212-105Z	MF CAPACITOR	1uF	
C3667	QFZ0212-474Z	MF CAPACITOR	0.47uF	
C3668	QFZ0212-224Z	MM CAPACITOR	0.22uF	
C3671	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3672	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3675	NCB31HK-102X	C CAPACITOR	1000pF 50V K	DW55 C,DW 55J
C3676	NCB31HK-102X	C CAPACITOR	1000pF 50V K	DW55 C,DW 55J
C3683	NCB21HK-473X	C CAPACITOR	0.047uF 50V K	
C3684	NCB21HK-473X	C CAPACITOR	0.047uF 50V K	
C3685	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3686	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3687	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3688	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3689	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3690	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3749	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3750	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3751	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3752	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C3756	QFZ0212-105Z	MF CAPACITOR	1uF	
C3759	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C3762	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3763	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3767	QFZ0212-474Z	MF CAPACITOR	0.47uF	
C3768	QFZ0212-224Z	MM CAPACITOR	0.22uF	
C3771	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3772	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3775	NCB31HK-102X	C CAPACITOR	1000pF 50V K	DW55 C,DW 55J
C3776	NCB31HK-102X	C CAPACITOR	1000pF 50V K	DW55 C,DW 55J
C3851	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C3852	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C3853	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C3854	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C3861	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C3862	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	
C3863	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C3864	NCF31HZ-103X	C CAPACITOR	0.01uF 50V Z	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C3871	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3872	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4001	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C4002	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C4003	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C4004	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R101	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
R102	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R103	QRZ9006-4R7X	F.RESISTOR	4.7Ω 1/4W J	
R104	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R151	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
R152	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R156	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
R157	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
R158	QRK126J-470X	UNF C RESISTOR	47Ω 1/2W J	
R159	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
R161	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R162	QRE141J-182Y	C RESISTOR	1.8kΩ 1/4W J	
R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R167	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R168	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R169	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R171	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
R501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R502	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R503	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R507	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R508	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R511	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R512	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R515	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R516	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R517	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R518	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R519	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R520	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R521	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R522	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R526	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R527	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R532	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R534	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R535	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R536	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R537	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R557	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R558	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R559	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R601	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R602	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R603	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R609	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R610	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R611	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R612	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R613	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R614	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R615	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R616	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R617	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R625	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R626	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R627	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R628	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R630	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R632	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R633	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R634	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R636	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R637	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R638	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R639	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R641	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R643	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R646	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R647	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R648	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R649	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R650	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R651	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R652	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R656	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R657	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R658	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R659	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R703	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R704	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R705	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R707	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R708	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R709	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R710	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R711	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R712	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R716	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R717	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R718	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R721	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R724	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R725	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R726	NRSA63F-223X	MG RESISTOR	22kΩ 1/16W F	
R727	NRSA63F-273X	MG RESISTOR	27kΩ 1/16W F	
R728	NRSA63J-433X	MG RESISTOR	43kΩ 1/16W J	
R729	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R730	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R731	NRS125J-4R7X	MG RESISTOR	4.7Ω 1/2W J	
R732	NRS125J-330X	MG RESISTOR	33Ω 1/2W J	
R733	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R734	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R736	NRSA63F-561X	MG RESISTOR	560Ω 1/16W F	
R738	NRSA63F-272X	MG RESISTOR	2.7kΩ 1/16W F	
R739	NRSA63F-333X	MG RESISTOR	33kΩ 1/16W F	
R740	NRSA63F-273X	MG RESISTOR	27kΩ 1/16W F	
R741	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R742	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
R743	NRSA63F-561X	MG RESISTOR	560Ω 1/16W F	
R746	QRZ9005-101X	F RESISTOR	100Ω	
R747	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
R749	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	
R750	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	
R751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R752	NRS125J-330X	MG RESISTOR	33Ω 1/2W J	
R753	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R754	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R756	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R757	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R762	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R766	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R767	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R768	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R771	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	DW55A,DW55B,DW55C,DW55E,DW55EV,DW55J,DW55UP

⚠ Symbol No.	Part No.	Part Name	Description	Local
R771	QRL037J-122	OMF RESISTOR	1.2kΩ 3W J	DW55 UJ,DW 55US, DW55 UT
R772	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	DW55 A,DW5 5B,DW 55C,D W55E, DW55 EV,D W55J, DW55 UP
R772	QRL037J-122	OMF RESISTOR	1.2kΩ 3W J	DW55 UJ,DW 55US, DW55 UT
R1001	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1002	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1003	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1004	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1005	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R1006	QRL01DJ-471X	OMF RESISTOR	470Ω 1W J	
R1007	QRL01DJ-471X	OMF RESISTOR	470Ω 1W J	
R1008	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R1009	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R1010	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R1011	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R1012	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1013	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1014	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1015	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1016	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1017	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1018	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1019	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R1020	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1021	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1023	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R1024	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1025	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1028	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1032	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	
R1035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1036	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1037	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R1038	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1039	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1040	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R1041	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1044	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1049	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1050	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1051	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1053	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1054	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1055	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1056	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1057	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R1059	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1060	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1061	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1062	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1064	QRE141J-470Y	C RESISTOR	47Ω 1/4W J	
R1065	QRE141J-181Y	C RESISTOR	180Ω 1/4W J	
R1066	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1067	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R1068	QRE141J-181Y	C RESISTOR	180Ω 1/4W J	
R1070	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1071	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1603	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1604	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1605	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1606	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1608	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
R1609	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1611	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1612	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1613	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1614	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1615	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1616	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1621	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1624	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1626	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1631	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1632	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1641	NRSA63F-562X	MG RESISTOR	5.6kΩ 1/16W F	
R1642	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1647	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1747	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R2001	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2002	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2031	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2032	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2033	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R2034	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2035	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2036	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2037	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2038	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2603	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2605	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2607	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2610	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2701	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2702	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2703	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3649	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3650	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R3651	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3652	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3653	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	
R3654	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3655	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R3662	QRE141J-390Y	C RESISTOR	39Ω 1/4W J	
R3663	QRE141J-390Y	C RESISTOR	39Ω 1/4W J	
R3665	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3666	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3668	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3670	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R3673	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3674	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3681	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
R3749	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3750	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R3751	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3752	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R3753	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	
R3754	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3755	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R3762	QRE141J-390Y	C RESISTOR	39Ω 1/4W J	
R3763	QRE141J-390Y	C RESISTOR	39Ω 1/4W J	
R3765	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3766	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3768	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R3770	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R3801	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3802	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3803	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3805	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3806	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3807	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3808	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3891	NRSA63J-150X	MG RESISTOR	15Ω 1/16W J	
R4001	QRZ9006-4R7X	F.RESISTOR	4.7Ω 1/4W J	
R4002	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R4003	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4004	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R4005	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R4006	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R4007	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4008	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4009	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
L101	QQR1676-001	LINE FILTER		
L701	QQL78AK-100	COIL	10uH K	
L702	QQL78AK-100	COIL	10uH K	
L3651	QQL78AK-220	COIL	22uH K	
L3751	QQL78AK-220	COIL	22uH K	
L4001	QQL28AK-221	CHOKE COIL	220uH K	
L4002	QQL244K-100Z	COIL	10uH K	
CN101	QGA7901C1-02	CONNECTOR	W-B (1-2)	
CN102	QGA7901C1-02	CONNECTOR	W-B (1-2)	DW55A,DW55B,DW55C,DW55E,DW55EV,DW55J,DW55UP
CN102	QGA7901C1-04	CONNECTOR	W-B (1-4)	DW55UJ,DW55US,DW55UT
CN103	QGA7901C1-02	CONNECTOR	W-B (1-2)	DW55A,DW55B,DW55C,DW55E,DW55EV,DW55J,DW55UP
CN103	QGA7901C1-04	CONNECTOR	W-B (1-4)	DW55UJ,DW55US,DW55UT
CN104	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN105	QGA7901C1-02	CONNECTOR	W-B (1-2)	
CN151	QGA3901C1-04	CONNECTOR	W-B (1-4)	
CN301	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN302	QGB2510J1-15	CONNECTOR	B-B (1-15)	
CN305	QGD2501C1-03Z	CONNECTOR	(1-3)	
CN501	QGB2510K2-12	CONNECTOR	B-B (1-12)	
CN502	QGB2510K2-15	CONNECTOR	B-B (1-15)	
EP101	LV43391-001A	BLACKET		
EP102	LV43391-001A	BLACKET		
EP301	QNZ0136-001Z	EARTH PLATE		
EP302	QNZ0136-001Z	EARTH PLATE		
EP303	QNZ0136-001Z	EARTH PLATE		DW55C,DW55J
FC101	QNG0019-001Z	FUSE CLIP		
FC102	QNG0019-001Z	FUSE CLIP		
FC103	QNG0019-001Z	FUSE CLIP		DW55UJ,DW55US,DW55UT
FC104	QNG0019-001Z	FUSE CLIP		DW55UJ,DW55US,DW55UT
FC151	QNG0019-001Z	FUSE CLIP		DW55C,DW55J
FC152	QNG0019-001Z	FUSE CLIP		DW55C,DW55J
FC153	QNG0019-001Z	FUSE CLIP		DW55C,DW55J
FC154	QNG0019-001Z	FUSE CLIP		DW55C,DW55J
FC155	QNG0019-001Z	FUSE CLIP		
FC156	QNG0019-001Z	FUSE CLIP		
HS151	LV35740-003A	IC HOLDER		
⚠ J1001	QNN0721-001	PIN JACK		
J1002	QNB0045-002	SPK.TERMINAL		DW55C,DW55J
J1002	QNB0265-001	SPK.TERMINAL		DW55B,DW55E,DW55EV,DW55UJ,DW55UP,DW55US
J1002	QNB0045-001	SPK.TERMINAL		DW55A,DW55UT
K1001	NQR0129-003X	FERRITE BEADS		
K1002	NQR0129-003X	FERRITE BEADS		
K3681	QQR1277-001Z	COIL		
K3682	QQR1277-001Z	COIL		
K3683	QQR1277-001Z	COIL		DW55C,DW55J
K3684	QQR1277-001Z	COIL		DW55C,DW55J
RY102	QSK0127-002	RELAY		
RY103	QSK0142-001	RELAY		
RY303	QSK0142-001	RELAY		
S101	QSW0924-001	VOLTAGE SWITCH		DW55UJ,DW55US,DW55UT
WC301	QZW0112-001	WIRE CLAMP		
WC302	QZW0112-001	WIRE CLAMP		
WC303	QZW0112-001	WIRE CLAMP		
WC304	QZW0112-001	WIRE CLAMP		
WC307	QZW0112-001	WIRE CLAMP		
WC309	QZW0112-001	WIRE CLAMP		
WC310	QZW0112-001	WIRE CLAMP		
WC311	QZW0112-001	WIRE CLAMP		
X601	QAX0246-001Z	C RESONATOR	8.00MHz	
X2001	QAX0734-001	C RESONATOR	400.00kHz	

Switch board

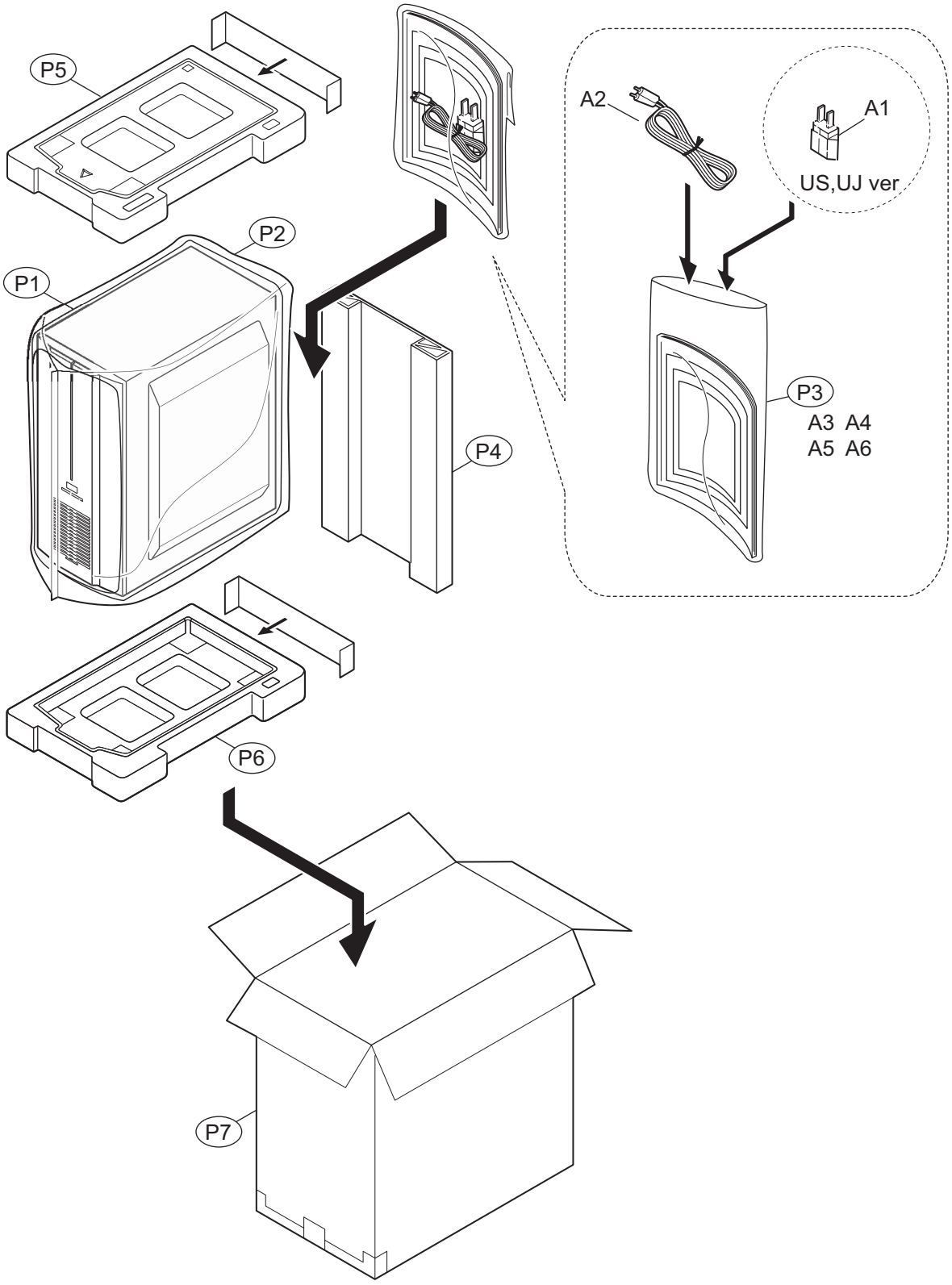
Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
D561	SPR-39MVWF	LED	RED-GREEN	
D8601	1SS133-T2	SI DIODE		
D8602	1SS133-T2	SI DIODE		
⚠ C100	QCZ9104-472	C CAPACITOR	4700pF	
C1015	QFVF1HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C1016	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1502	QFN31HJ-332Z	M CAPACITOR	3300pF 50V J	
R1030	QRE141J-562Y	C RESISTOR	5.6kΩ 1/4W J	
R1031	QRE141J-562Y	C RESISTOR	5.6kΩ 1/4W J	
R1501	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R8601	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
VR101	QVQ0300-B24	V RESISTOR		
VR151	QVQ0021-B14	V RESISTOR		
CN306	QGA2001C1-10	CONNECTOR	W-B (1-10)	
CN351	QGA3901F2-02	CONNECTOR	W-B (1-2)	
CN352	QGA3901F2-02	CONNECTOR	W-B (1-2)	
S102	QSW0632-001	PUSH SW.		
S1501	QSW0999-001	PUSH SW		
WR501	QUM213-22DGZ4-E	PARA RIBON WIRE		

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	QAM0112-002	PLUG ADAPTOR		DW55US,DW55UJ
	A 2	6200046801	SIGNAL CORD		
	A 3	LVT1361-001A	USER MANUAL	ENG	DW55J
	A 3	LVT1361-003A	USER MANUAL	ENG FRE	DW55C
	A 3	LVT1361-002A	USER MANUAL	ENG	DW55UJ
	A 3	LVT1361-004A	USER MANUAL	ENG	DW55B
	A 3	LVT1361-005A	USER MANUAL	GER FRE DUT SPA ITA SWE FIN DAN	DW55E
	A 3	LVT1361-006A	USER MANUAL	CZE POL HUN RUS	DW55EV
	A 3	LVT1361-007A	USER MANUAL	ENG	DW55US
	A 3	LVT1361-010A	USER MANUAL	ENG	DW55A
	A 3	LVT1361-011A	USER MANUAL	KOR	DW55UP
	A 3	LVT1361-012A	USER MANUAL	CHI(TAIWAN)	DW55UT
	A 4	----------	WARRANTY CARD	BT-52006-2	DW55C
	A 4	----------	WARRANTY CARD	BT-54027-1	DW55B,DW55E,DW55EV
	A 4	----------	WARRANTY CARD	BT-56012-1	DW55A
	A 4	----------	WARRANTY CARD	BT-56014-1	DW55UP
	A 5	BT-51034-2	REGISTRATION CARD		DW55J
	A 6	LVT1434-004A	INSTRUCTION SHEET		DW55B,DW55E,DW55EV
	P 1	8500051891	MIRROR MAT		
	P 2	8500051991	POLY BAG		
	P 3	8500028931	POLY BAG		
	P 4	LV36093-002A	PARTITION		
	P 5	LV22062-001A	TOP CUSHION		
	P 6	LV22062-002A	BOTTOM CUSHION		
	P 7	LV35831-055A	PACKING CASE		DW55J,DW55C
	P 7	LV35831-049A	PACKING CASE		DW55A
	P 7	LV35831-050A	PACKING CASE		DW55B
	P 7	LV35831-051A	PACKING CASE		DW55E
	P 7	LV35831-052A	PACKING CASE		DW55EV
	P 7	LV35831-053A	PACKING CASE		DW55UT
	P 7	LV35831-054A	PACKING CASE		DW55US,DW55UP
	P 7	LV35831-055A	PACKING CASE		DW55UJ